



ANALYTICAL DATA REPORT

JMC Environmental Consultants
2109 Bridge Avenue
Building B
Point Pleasant, NJ 08742

Project Name: ARSYNCO
IAL Case Number: E13-04119

These data have been reviewed and accepted by:

A handwritten signature in black ink, appearing to read "Michael H. Lefpin".

Michael H. Lefpin, Ph.D.
Laboratory Director

This report shall not be reproduced, except in its entirety, without the written consent of Integrated Analytical Laboratories, LLC. The test results included in this report relate only to the samples analyzed. The results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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IAL is a NELAC New Jersey Certified Lab (14751) and maintains certification in Connecticut (PH-0699), New York (11402), Rhode Island (00126), Pennsylvania (68-00773) and in the Department of Navy IR QA Program

Sample Summary

IAL Case No.

E13-04119

Client JMC Environmental Consultants

Project ARSYNCO

Received On 5/3/2013@17:05

<i>Lab ID</i>	<i>Client Sample ID</i>	<i>Depth Top/Bottom</i>	<i>Sampling Time</i>	<i>Matrix</i>	<i># of Container</i>
04119-001	J-36S (2.0-4.0)	2/4	5/3/2013@08:24	Soil	1
04119-002	I-37N (0-2.0)	0/2	5/3/2013@08:35	Soil	1
04119-003	I-37S (0-2.0)	0/2	5/3/2013@08:48	Soil	1
04119-004	I-37W (0-2.0)	0/2	5/3/2013@08:57	Soil	1
04119-005	H-36S (0-2.0)	0/2	5/3/2013@09:08	Soil	1
04119-006	H-36S (4.0-6.0)	4/6	5/3/2013@09:09	Soil	1
04119-007	H-36E (0-2.0)	0/2	5/3/2013@09:30	Soil	1
04119-008	H-36E (4.0-6.0)	4/6	5/3/2013@09:31	Soil	1
04119-009	J-36W (0-2.0)	0/2	5/3/2013@09:48	Soil	1
04119-010	J-36W (2.0-4.0)	2/4	5/3/2013@09:49	Soil	1
04119-011	J-35S (2.0-4.0)	2/4	5/3/2013@10:00	Soil	1
04119-012	J-36E (0-2.0)	0/2	5/3/2013@10:15	Soil	1
04119-013	J-36E (2.0-4.0)	2/4	5/3/2013@10:16	Soil	1
04119-014	K-35S (0-2.0)	0/2	5/3/2013@10:27	Soil	1
04119-015	K-35E (0-2.0)	0/2	5/3/2013@10:39	Soil	1
04119-016	K-35N (0-2.0)	0/2	5/3/2013@10:51	Soil	1
04119-017	H-36W (0-2.0)	0/2	5/3/2013@11:17	Soil	1
04119-018	H-36W (4.0-6.0)	4/6	5/3/2013@11:18	Soil	1
04119-019	H-36N (0-2.0)	0/2	5/3/2013@11:35	Soil	1
04119-020	H-36N (4.0-6.0)	4/6	5/3/2013@11:36	Soil	1
04119-021	I-35W (2.0-4.0)	2/4	5/3/2013@11:49	Soil	1
04119-022	I-35S (2.0-4.0)	2/4	5/3/2013@12:03	Soil	1
04119-023	I-35E (2.0-4.0)	2/4	5/3/2013@12:16	Soil	1
04119-024	I-35E (0-2.0)	0/2	5/3/2013@12:17	Soil	1
04119-025	I-35N (2.0-4.0)	2/4	5/3/2013@12:35	Soil	1
04119-026	J-35N (0-2.0)	0/2	5/3/2013@12:57	Soil	1
04119-027	I-33S (4.0-6.0)	4/6	5/3/2013@13:14	Soil	1
04119-028	I-33E (4.0-6.0)	4/6	5/3/2013@13:27	Soil	1
04119-029	I-33N (4.0-6.0)	4/6	5/3/2013@13:40	Soil	1
04119-030	I-33W (4.0-6.0)	4/6	5/3/2013@13:55	Soil	1
04119-031	E-33W (0-2.0)	0/2	5/3/2013@14:05	Soil	1
04119-032	D-32N (0-2.0)	0/2	5/3/2013@14:17	Soil	1
04119-033	D-32N (2.0-4.0)	2/4	5/3/2013@14:18	Soil	1
04119-034	D-31N (0-2.0)	0/2	5/3/2013@14:35	Soil	1
04119-035	D-31W (0-2.0)	0/2	5/3/2013@14:45	Soil	1
04119-036	E-31N (0-2.0)	0/2	5/3/2013@14:54	Soil	1
04119-037	F-30W (0-2.0)	0/2	5/3/2013@15:05	Soil	1
04119-038	F-30N (0-2.0)	0/2	5/3/2013@15:15	Soil	1
04119-039	FB-82	n/a	5/3/2013@15:20	Aqueous	2

INTEGRATED ANALYTICAL LABORATORIES, LLC.

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This report was finalized on May 22, 2013

* Methodology is included in the IAL Project Information Page

INTEGRATED ANALYTICAL LABORATORIES, LLC.

DEFINITIONS / QUALIFIERS

DATA QUALIFIERS

- B Indicates the analyte was found in the associated method blank as well as in the sample.
It indicates probable laboratory contamination.
- C Indicates analyte is a common laboratory contaminant.
- D Indicated analyte was reported from diluted analysis.
- E Identifies a compound concentration that exceeds the upper level of the calibration range of the instrument for that specific analysis.
- J Indicates an estimated value. This flag is used when the concentration in the sample is below the RL but above the MDL.

REPORTING DEFINITIONS

RL Reporting Limit. The RL is determined by the lowest concentration in the calibration curve. For most Wet Chemistry methods, the RL is defined by using the PQL.

MDL Method Detection Limit as determined according to 40CFR Part 136 Appendix B.

PQL Practical Quantitation Limit. Usually defined as a value 3-5 times the MDL.

ND Indicates analyte was analyzed for but not detected above the MDL.

DF Dilution Factor

LCS Laboratory Control Sample

LCSD Laboratory Control Sample Duplicate

MS Matrix Spike

MSD Matrix Spike Duplicate

DUP Duplicate

CONFORMANCE / NON-CONFORMANCE SUMMARIES

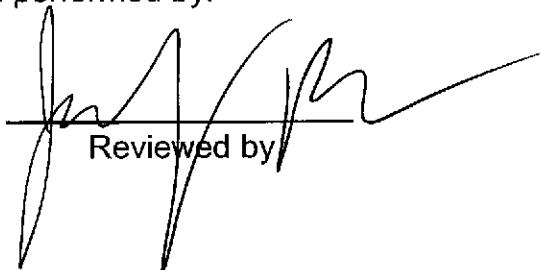
INTEGRATED ANALYTICAL LABORATORIES, LLC.

CONFORMANCE / NONCONFORMANCE SUMMARY

Integrated Analytical Laboratories, LLC. received one (1) aqueous and thirty-eight (38) soil sample(s) from JMC Environmental Consultants (IAL SDG # E13-04119, Project: ARSYNCO) on May 3, 2013 for the analysis of:

(39) TCL PCB

A review of the QA/QC measures for the analysis of the sample(s) contained in this report has been performed by:



Reviewed by



5/3/13
Date

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E13-04119

PCB By 8082

Batch ID: 130509-09

Matrix: Aqueous

QC

- Calibration Curve met QC criteria.
- Surrogate Percent Recovery met QC criteria.
- Method Blank met QC criteria.
- LCS Percent Recovery met QC criteria.
- MS/MSD Percent Recovery met QC criteria.
- RPD between MS/MSD met QC criteria.
- The following samples were cleaned up using method 3660B to remove sulfur: 039
- The following samples were cleaned up using method 3665A: 039

E13-04119

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.
- No dilution was performed.

5/17/2013

Signature

Date

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E13-04119

PCB By 8082

Batch ID: 130507-18

Matrix: Soil

- QC**
- Calibration Curve met QC criteria.
 - Surrogate Percent Recovery did not meet QC criteria. Surrogate was diluted out for samples: 001, 002, 003, 004, 005.
 - Method Blank met QC criteria.
 - LCS Percent Recovery met QC criteria.
 - MS/MSD Percent Recovery met QC criteria.
 - RPD between MS/MSD met QC criteria.
 - The following samples were cleaned up using method 3660B to remove sulfur: 001, 002, 003, 004, 005

- E13-04119**
- All samples were extracted within holding time.
 - All samples were analyzed within holding time.
 - Retention Time Shift met QC criteria.
 - Samples run with dilution due to high concentration of the target compound: 001 with 100x dil.; 002 with 500 dil.; 003 with 250x dil.; 004 with 2500x dil.; 005 with 400x dil.. All of those samples did not pass NJ SRS limits.
- m/smls

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E13-04119

PCB By 8082

Batch ID: 130507-19	Matrix: Soil
----------------------------	---------------------

- QC**
- Calibration Curve met QC criteria.
 - Surrogate Percent Recovery did not meet QC criteria. The surrogate for samples 04119 -007, -009, -024 was diluted out and the surrogate for samples -014, -017, -019, -022 did not meet QC criteria due to matrix interference.
 - Method Blank met QC criteria.
 - LCS Percent Recovery met QC criteria.
 - MS/MSD Percent Recovery met QC criteria.
 - RPD between MS/MSD met QC criteria.
 - The RPD between the primary and secondary column was >40% for the following samples: 04119 -010, -011. Per SW-846 8000C, the lower of the two concentrations was reported.
 - The following samples were cleaned up using method 3660B to remove sulfur: 006, 007, 008, 009, 010, 011, 012, 013, 014, 015, 016, 017, 018, 019, 020, 021, 022, 023, 024, 025
- E13-04119**
- All samples were extracted within holding time.
 - All samples were analyzed within holding time.
 - Retention Time Shift met QC criteria.
 - Samples 04119 -007, -009 were run with 1000x dilution, sample -024 was run with 400x dilution, samples -012, -014, -017, -022 were run with 20x dilution, and sample -019 was run with 10x dilution due to high concentrations of the target compounds. No dilution was performed on all other samples 04119 in batch 130507-19.


Signature

5/20/2013
Date

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E13-04119

PCB By 8082

Batch ID: 130507-20

Matrix: Soil

QC

- Calibration Curve met QC criteria.
- Surrogate Percent Recovery did not meet QC criteria. For samples 04119 -028, -030 the surrogate was diluted out.
- Method Blank met QC criteria.
- LCS Percent Recovery met QC criteria.
- MS/MSD Percent Recovery met QC criteria.
- RPD between MS/MSD met QC criteria.
- The RPD between the primary and secondary column was >40% for the following samples: 04119 -027, -029. Per SW-846 8000C, the lower of the two concentrations was reported.
- The following samples were cleaned up using method 3660B to remove sulfur: 026, 027, 028, 029, 030, 031, 032, 033, 034, 035, 036, 037, 038

E13-04119

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.
- Sample 04119 -030 was run with 10000x dilution, sample -028 with 1000x dilution, sample -026 with 20x dilution, samples -031, -032, -035 with 10x dilution and sample -033 with 5x dilution due to high concentrations of the target compounds. No dilution was performed on all other samples 04119 in batch 130507-20.



5/17/2013

Signature

Date

RESULTS SUMMARY REPORT

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT

Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E13-04119

	Lab ID:	04119-039							
	Client ID:	FB-82							
	Matrix:	Aqueous							
	Sampled Date	5/3/13							
PARAMETER(Units)	Conc	Q	MDL						
PCB's (Units)	<i>(mg/L-ppm)</i>								
Aroclor-1016	ND	0.00002							
Aroclor-1221	ND	0.00002							
Aroclor-1232	ND	0.00002							
Aroclor-1242	ND	0.00002							
Aroclor-1248	ND	0.00002							
Aroclor-1254	ND	0.00002							
Aroclor-1260	ND	0.00002							
Aroclor-1262	ND	0.00002							
Aroclor-1268	ND	0.00002							
PCBs	ND	0.00002							
	Lab ID:	04119-001	04119-002	04119-003	04119-004				
	Client ID:	J-36S (2.0-4.0)	I-37N (0-2.0)	I-37S (0-2.0)	I-37W (0-2.0)				
	Depth:	2/4	0/2	0/2	0/2				
	Matrix:	Soil	Soil	Soil	Soil				
	Sampled Date	5/3/13	5/3/13	5/3/13	5/3/13				
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>		
Aroclor-1016	ND	1.89	ND	10.3	ND	4.60	ND	44.1	
Aroclor-1221	ND	1.89	ND	10.3	ND	4.60	ND	44.1	
Aroclor-1232	ND	1.89	ND	10.3	ND	4.60	ND	44.1	
Aroclor-1242	ND	1.89	ND	10.3	ND	4.60	ND	44.1	
Aroclor-1248	460	1.89	4090	10.3	700	4.60	5510	44.1	
Aroclor-1254	ND	1.89	ND	10.3	ND	4.60	ND	44.1	
Aroclor-1260	ND	1.89	ND	10.3	ND	4.60	ND	44.1	
Aroclor-1262	ND	1.89	ND	10.3	ND	4.60	ND	44.1	
Aroclor-1268	ND	1.89	ND	10.3	ND	4.60	ND	44.1	
PCBs	460	1.89	4090	10.3	700	4.60	5510	44.1	
	Lab ID:	04119-005	04119-006	04119-007	04119-008				
	Client ID:	H-36S (0-2.0)	H-36S (4.0-6.0)	H-36E (0-2.0)	H-36E (4.0-6.0)				
	Depth:	0/2	4/6	0/2	4/6				
	Matrix:	Soil	Soil	Soil	Soil				
	Sampled Date	5/3/13	5/3/13	5/3/13	5/3/13				
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>		
Aroclor-1016	ND	7.65	ND	0.025	ND	20.7	ND	0.023	
Aroclor-1221	ND	7.65	ND	0.025	ND	20.7	ND	0.023	
Aroclor-1232	ND	7.65	ND	0.025	ND	20.7	ND	0.023	
Aroclor-1242	ND	7.65	ND	0.025	ND	20.7	ND	0.023	
Aroclor-1248	1300	7.65	ND	0.025	5390	20.7	8.10	0.023	
Aroclor-1254	ND	7.65	ND	0.025	ND	20.7	ND	0.023	
Aroclor-1260	ND	7.65	ND	0.025	ND	20.7	ND	0.023	
Aroclor-1262	ND	7.65	ND	0.025	ND	20.7	ND	0.023	
Aroclor-1268	ND	7.65	ND	0.025	ND	20.7	ND	0.023	
PCBs	1300	7.65	ND	0.025	5390	20.7	8.10	0.023	

ND = Analyzed for but Not Detected at the MDL

E13-04119 0009

INTEGRATED ANALYTICAL LABORATORIES, LLC.**SUMMARY REPORT**
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E13-04119

	Lab ID: 04119-009	04119-010	04119-011	04119-012
Client ID:	J-36W (0-2.0)	J-36W (2.0-4.0)	J-35S (2.0-4.0)	J-36E (0-2.0)
Depth:	0/2	2/4	2/4	0/2
Matrix:	Soil	Soil	Soil	Soil
Sampled Date	5/3/13	5/3/13	5/3/13	5/3/13
PARAMETER(Units)	Conc	Q	MDL	Conc
	(mg/Kg-ppm)		(mg/Kg-ppm)	(mg/Kg-ppm)
PCB's (Units)				(mg/Kg-ppm)
Aroclor-1016	ND	18.5	ND	0.018
Aroclor-1221	ND	18.5	ND	0.018
Aroclor-1232	ND	18.5	ND	0.018
Aroclor-1242	ND	18.5	0.172	0.018
Aroclor-1248	2890	18.5	ND	0.018
Aroclor-1254	ND	18.5	ND	0.018
Aroclor-1260	ND	18.5	ND	0.018
Aroclor-1262	ND	18.5	ND	0.018
Aroclor-1268	ND	18.5	ND	0.018
PCBs	2890	18.5	0.172	0.018
	0.670		0.022	85.2
PARAMETER(Units)	Conc	Q	MDL	Conc
	(mg/Kg-ppm)		(mg/Kg-ppm)	(mg/Kg-ppm)
PCB's (Units)				(mg/Kg-ppm)
Aroclor-1016	ND	0.032	ND	0.368
Aroclor-1221	ND	0.032	ND	0.368
Aroclor-1232	ND	0.032	ND	0.368
Aroclor-1242	ND	0.032	ND	0.368
Aroclor-1248	5.67	0.032	95.7	0.368
Aroclor-1254	ND	0.032	ND	0.368
Aroclor-1260	ND	0.032	ND	0.368
Aroclor-1262	ND	0.032	ND	0.368
Aroclor-1268	ND	0.032	ND	0.368
PCBs	5.67	0.032	95.7	0.368
	1.24		0.017	6.84
PARAMETER(Units)	Conc	Q	MDL	Conc
	(mg/Kg-ppm)		(mg/Kg-ppm)	(mg/Kg-ppm)
PCB's (Units)				(mg/Kg-ppm)
Aroclor-1016	ND	0.437	ND	0.021
Aroclor-1221	ND	0.437	ND	0.021
Aroclor-1232	ND	0.437	ND	0.021
Aroclor-1242	ND	0.437	ND	0.021
Aroclor-1248	115	0.437	ND	0.021
Aroclor-1254	ND	0.437	ND	0.021
Aroclor-1260	ND	0.437	ND	0.021
Aroclor-1262	ND	0.437	ND	0.021
Aroclor-1268	ND	0.437	ND	0.021
PCBs	115	0.437	ND	0.021
	40.5		0.176	ND

ND = Analyzed for but Not Detected at the MDL

E13-04119

0010

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E13-04119

PARAMETER(Units)	Lab ID:	04119-021			04119-022			04119-023			04119-024			
	Client ID:	I-35W (2.0-4.0)			I-35S (2.0-4.0)			I-35E (2.0-4.0)			I-35E (0-2.0)			
	Depth:	2/4			Soil			Soil			Soil			
	Matrix:	5/3/13			5/3/13			5/3/13			5/3/13			
Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>				
Aroclor-1016	ND	0.017	ND	0.362	ND	0.025	ND	0.025	ND	0.025	ND	7.66		
Aroclor-1221	ND	0.017	ND	0.362	ND	0.025	ND	0.025	ND	0.025	ND	7.66		
Aroclor-1232	ND	0.017	ND	0.362	ND	0.025	ND	0.025	ND	0.025	ND	7.66		
Aroclor-1242	ND	0.017	ND	0.362	ND	0.025	ND	0.025	ND	0.025	ND	7.66		
Aroclor-1248	1.57	0.017	143	0.362	1.52	0.025	2970	0.025	2970	0.025	ND	7.66		
Aroclor-1254	ND	0.017	ND	0.362	ND	0.025	ND	0.025	ND	0.025	ND	7.66		
Aroclor-1260	ND	0.017	ND	0.362	ND	0.025	ND	0.025	ND	0.025	ND	7.66		
Aroclor-1262	ND	0.017	ND	0.362	ND	0.025	ND	0.025	ND	0.025	ND	7.66		
Aroclor-1268	ND	0.017	ND	0.362	ND	0.025	ND	0.025	ND	0.025	ND	7.66		
PCBs	1.57	0.017	143	0.362	1.52	0.025	2970	0.025	2970	0.025	ND	7.66		
PCB's (Units)	<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>				
Aroclor-1016	ND	0.022	ND	0.343	ND	0.019	ND	0.019	ND	0.019	ND	57.4		
Aroclor-1221	ND	0.022	ND	0.343	ND	0.019	ND	0.019	ND	0.019	ND	57.4		
Aroclor-1232	ND	0.022	ND	0.343	ND	0.019	ND	0.019	ND	0.019	ND	57.4		
Aroclor-1242	ND	0.022	ND	0.343	2.26	0.019	ND	0.019	ND	0.019	ND	57.4		
Aroclor-1248	ND	0.022	120	0.343	ND	0.019	7520	0.019	7520	0.019	ND	57.4		
Aroclor-1254	ND	0.022	ND	0.343	ND	0.019	ND	0.019	ND	0.019	ND	57.4		
Aroclor-1260	ND	0.022	ND	0.343	ND	0.019	ND	0.019	ND	0.019	ND	57.4		
Aroclor-1262	ND	0.022	ND	0.343	ND	0.019	ND	0.019	ND	0.019	ND	57.4		
Aroclor-1268	ND	0.022	ND	0.343	ND	0.019	ND	0.019	ND	0.019	ND	57.4		
PCBs	ND	0.022	120	0.343	2.26	0.019	7520	0.019	7520	0.019	ND	57.4		
PCB's (Units)	<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>				
Aroclor-1016	ND	0.056	ND	369	ND	0.177	ND	0.177	ND	0.177	ND	0.169		
Aroclor-1221	ND	0.056	ND	369	ND	0.177	ND	0.177	ND	0.177	ND	0.169		
Aroclor-1232	ND	0.056	ND	369	ND	0.177	ND	0.177	ND	0.177	ND	0.169		
Aroclor-1242	1.07	0.056	ND	369	ND	0.177	ND	0.177	ND	0.177	ND	0.169		
Aroclor-1248	ND	0.056	121000	369	42.7	0.177	37.2	0.177	37.2	0.177	ND	0.169		
Aroclor-1254	ND	0.056	ND	369	ND	0.177	ND	0.177	ND	0.177	ND	0.169		
Aroclor-1260	ND	0.056	ND	369	ND	0.177	ND	0.177	ND	0.177	ND	0.169		
Aroclor-1262	ND	0.056	ND	369	ND	0.177	ND	0.177	ND	0.177	ND	0.169		
Aroclor-1268	ND	0.056	ND	369	ND	0.177	ND	0.177	ND	0.177	ND	0.169		
PCBs	1.07	0.056	121000	369	42.7	0.177	37.2	0.177	37.2	0.177	ND	0.169		

ND = Analyzed for but Not Detected at the MDL

E13-04119 0011

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E13-04119

	Lab ID: Client ID: Depth: Matrix: Sampled Date	04119-033 D-32N (2.0-4.0) 2/4 Soil 5/3/13	04119-034 D-31N (0-2.0) 0/2 Soil 5/3/13	04119-035 D-31W (0-2.0) 0/2 Soil 5/3/13	04119-036 E-31N (0-2.0) 0/2 Soil 5/3/13							
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)			<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>
Aroclor-1016	ND	0.104	ND	0.020	ND	0.197	ND	0.016	ND	0.197	ND	0.016
Aroclor-1221	ND	0.104	ND	0.020	ND	0.197	ND	0.016	ND	0.197	ND	0.016
Aroclor-1232	ND	0.104	ND	0.020	ND	0.197	ND	0.016	ND	0.197	ND	0.016
Aroclor-1242	ND	0.104	ND	0.020	ND	0.197	ND	0.016	ND	0.197	ND	0.016
Aroclor-1248	23.1	0.104	2.31	0.020	40.5	0.197	1.99	0.016	ND	0.197	1.04	0.016
Aroclor-1254	ND	0.104	1.30	0.020	ND	0.197	ND	0.016	ND	0.197	ND	0.016
Aroclor-1260	ND	0.104	ND	0.020	ND	0.197	ND	0.016	ND	0.197	ND	0.016
Aroclor-1262	ND	0.104	ND	0.020	ND	0.197	ND	0.016	ND	0.197	ND	0.016
Aroclor-1268	ND	0.104	ND	0.020	ND	0.197	ND	0.016	ND	0.197	ND	0.016
PCBs	23.1	0.104	3.61	0.020	40.5	0.197	3.03	0.016				
			Lab ID: Client ID: Depth: Matrix: Sampled Date			04119-037 F-30W (0-2.0) 0/2 Soil 5/3/13			04119-038 F-30N (0-2.0) 0/2 Soil 5/3/13			
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)			<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>			<i>(mg/Kg-ppm)</i>
Aroclor-1016	ND	0.017	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020
Aroclor-1221	ND	0.017	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020
Aroclor-1232	ND	0.017	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020
Aroclor-1242	ND	0.017	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020
Aroclor-1248	4.67	0.017	3.69	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020
Aroclor-1254	ND	0.017	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020
Aroclor-1260	ND	0.017	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020
Aroclor-1262	ND	0.017	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020
Aroclor-1268	ND	0.017	ND	0.020	ND	0.020	ND	0.020	ND	0.020	ND	0.020
PCBs	4.67	0.017	3.69	0.020								

ND = Analyzed for but Not Detected at the MDL

ANALYTICAL RESULTS

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-001
Client ID: J-36S_(2.0
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/19/2013
Data file: R0421.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.30g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 20.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.73	1.89
Aroclor-1221	ND		4.73	1.89
Aroclor-1232	ND		4.73	1.89
Aroclor-1242	ND		4.73	1.89
Aroclor-1248	460		4.73	1.89
Aroclor-1254	ND		4.73	1.89
Aroclor-1260	ND		4.73	1.89
Aroclor-1262	ND		4.73	1.89
Aroclor-1268	ND		4.73	1.89
PCBs	460		4.73	1.89

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-002
Client ID: I-37N_(0-2)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/18/2013
Data file: R0367.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.30g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 500
% Moisture: 26.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		25.7	10.3
Aroclor-1221	ND		25.7	10.3
Aroclor-1232	ND		25.7	10.3
Aroclor-1242	ND		25.7	10.3
Aroclor-1248	4090		25.7	10.3
Aroclor-1254	ND		25.7	10.3
Aroclor-1260	ND		25.7	10.3
Aroclor-1262	ND		25.7	10.3
Aroclor-1268	ND		25.7	10.3
PCBs	4090		25.7	10.3

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-003
Client ID: I-37S_(0-2
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/18/2013
Data file: R0368.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.20g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 250
% Moisture: 16.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		11.5	4.60
Aroclor-1221	ND		11.5	4.60
Aroclor-1232	ND		11.5	4.60
Aroclor-1242	ND		11.5	4.60
Aroclor-1248	700		11.5	4.60
Aroclor-1254	ND		11.5	4.60
Aroclor-1260	ND		11.5	4.60
Aroclor-1262	ND		11.5	4.60
Aroclor-1268	ND		11.5	4.60
PCBs	700		11.5	4.60

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-004
Client ID: I-37W_(0-2)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/20/2013
Data file: R0448.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.30g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 2500
% Moisture: 14.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		110	44.1
Aroclor-1221	ND		110	44.1
Aroclor-1232	ND		110	44.1
Aroclor-1242	ND		110	44.1
Aroclor-1248	5510		110	44.1
Aroclor-1254	ND		110	44.1
Aroclor-1260	ND		110	44.1
Aroclor-1262	ND		110	44.1
Aroclor-1268	ND		110	44.1
PCBs	5510		110	44.1

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-005
Client ID: H-36S_(0-2)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/18/2013
Data file: R0370.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.60g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 400
% Moisture: 25.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		19.1	7.65
Aroclor-1221	ND		19.1	7.65
Aroclor-1232	ND		19.1	7.65
Aroclor-1242	ND		19.1	7.65
Aroclor-1248	1300		19.1	7.65
Aroclor-1254	ND		19.1	7.65
Aroclor-1260	ND		19.1	7.65
Aroclor-1262	ND		19.1	7.65
Aroclor-1268	ND		19.1	7.65
PCBs	1300		19.1	7.65

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-006
Client ID: H-36S_(4.0)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/17/2013
Data file: Y8490.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 36.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.063	0.025
Aroclor-1221	ND		0.063	0.025
Aroclor-1232	ND		0.063	0.025
Aroclor-1242	ND		0.063	0.025
Aroclor-1248	ND		0.063	0.025
Aroclor-1254	ND		0.063	0.025
Aroclor-1260	ND		0.063	0.025
Aroclor-1262	ND		0.063	0.025
Aroclor-1268	ND		0.063	0.025
PCBs	ND		0.063	0.025

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-007
Client ID: H-36E_(0-2
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/17/2013
Data file: Y8491.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 22.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		51.7	20.7
Aroclor-1221	ND		51.7	20.7
Aroclor-1232	ND		51.7	20.7
Aroclor-1242	ND		51.7	20.7
Aroclor-1248	5390		51.7	20.7
Aroclor-1254	ND		51.7	20.7
Aroclor-1260	ND		51.7	20.7
Aroclor-1262	ND		51.7	20.7
Aroclor-1268	ND		51.7	20.7
PCBs	5390		51.7	20.7

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-008
Client ID: H-36E_(4.0
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/17/2013
Data file: Y8492.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 29.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.057	0.023
Aroclor-1221	ND		0.057	0.023
Aroclor-1232	ND		0.057	0.023
Aroclor-1242	ND		0.057	0.023
Aroclor-1248	8.10		0.057	0.023
Aroclor-1254	ND		0.057	0.023
Aroclor-1260	ND		0.057	0.023
Aroclor-1262	ND		0.057	0.023
Aroclor-1268	ND		0.057	0.023
PCBs	8.10		0.057	0.023

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-009
Client ID: J-36W_(0-2
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/17/2013
Data file: Y8493.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 13.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		46.2	18.5
Aroclor-1221	ND		46.2	18.5
Aroclor-1232	ND		46.2	18.5
Aroclor-1242	ND		46.2	18.5
Aroclor-1248	2890		46.2	18.5
Aroclor-1254	ND		46.2	18.5
Aroclor-1260	ND		46.2	18.5
Aroclor-1262	ND		46.2	18.5
Aroclor-1268	ND		46.2	18.5
PCBs	2890		46.2	18.5

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-010
Client ID: J-36W_(2.0
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/17/2013
Data file: Y8494.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 11.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.045	0.018
Aroclor-1221	ND		0.045	0.018
Aroclor-1232	ND		0.045	0.018
Aroclor-1242	0.172		0.045	0.018
Aroclor-1248	ND		0.045	0.018
Aroclor-1254	ND		0.045	0.018
Aroclor-1260	ND		0.045	0.018
Aroclor-1262	ND		0.045	0.018
Aroclor-1268	ND		0.045	0.018
PCBs	0.172		0.045	0.018

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-011
Client ID: J-35S_(2.0)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/17/2013
Data file: Y8495.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 26.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.054	0.022
Aroclor-1221	ND		0.054	0.022
Aroclor-1232	ND		0.054	0.022
Aroclor-1242	0.339		0.054	0.022
Aroclor-1248	ND		0.054	0.022
Aroclor-1254	ND		0.054	0.022
Aroclor-1260	0.331		0.054	0.022
Aroclor-1262	ND		0.054	0.022
Aroclor-1268	ND		0.054	0.022
PCBs	0.670		0.054	0.022

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-012

Client ID: J-36E_(0-2)

Date Received: 05/03/2013

Date Extracted: 05/07/2013

Date Analyzed: 05/17/2013

Data file: Y8496.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.00g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 20

% Moisture: 13.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.928	0.371
Aroclor-1221	ND		0.928	0.371
Aroclor-1232	ND		0.928	0.371
Aroclor-1242	ND		0.928	0.371
Aroclor-1248	85.2		0.928	0.371
Aroclor-1254	ND		0.928	0.371
Aroclor-1260	ND		0.928	0.371
Aroclor-1262	ND		0.928	0.371
Aroclor-1268	ND		0.928	0.371
PCBs	85.2		0.928	0.371

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-013

Client ID: J-36E_(2.0)

Date Received: 05/03/2013

Date Extracted: 05/07/2013

Date Analyzed: 05/17/2013

Data file: Y8497.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.00g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: 49.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.080	0.032
Aroclor-1221	ND		0.080	0.032
Aroclor-1232	ND		0.080	0.032
Aroclor-1242	ND		0.080	0.032
Aroclor-1248	5.67		0.080	0.032
Aroclor-1254	ND		0.080	0.032
Aroclor-1260	ND		0.080	0.032
Aroclor-1262	ND		0.080	0.032
Aroclor-1268	ND		0.080	0.032
PCBs	5.67		0.080	0.032

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-014
Client ID: K-35S_(0-2)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/17/2013
Data file: Y8498.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 13.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.921	0.368
Aroclor-1221	ND		0.921	0.368
Aroclor-1232	ND		0.921	0.368
Aroclor-1242	ND		0.921	0.368
Aroclor-1248	95.7		0.921	0.368
Aroclor-1254	ND		0.921	0.368
Aroclor-1260	ND		0.921	0.368
Aroclor-1262	ND		0.921	0.368
Aroclor-1268	ND		0.921	0.368
PCBs	95.7		0.921	0.368

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-015
Client ID: K-35E_(0-2)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/17/2013
Data file: Y8499.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 6.30

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.043	0.017
Aroclor-1221	ND		0.043	0.017
Aroclor-1232	ND		0.043	0.017
Aroclor-1242	ND		0.043	0.017
Aroclor-1248	1.24		0.043	0.017
Aroclor-1254	ND		0.043	0.017
Aroclor-1260	ND		0.043	0.017
Aroclor-1262	ND		0.043	0.017
Aroclor-1268	ND		0.043	0.017
PCBs	1.24		0.043	0.017

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-016
Client ID: K-35N_(0-2)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/17/2013
Data file: Y8500.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 5.80

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND	0.043	0.017	
Aroclor-1221	ND	0.043	0.017	
Aroclor-1232	ND	0.043	0.017	
Aroclor-1242	ND	0.043	0.017	
Aroclor-1248	6.84	0.043	0.017	
Aroclor-1254	ND	0.043	0.017	
Aroclor-1260	ND	0.043	0.017	
Aroclor-1262	ND	0.043	0.017	
Aroclor-1268	ND	0.043	0.017	
PCBs	6.84	0.043	0.017	

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-017
Client ID: H-36W_(0-2)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/17/2013
Data file: Y8501.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 26.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		1.09	0.437
Aroclor-1221	ND		1.09	0.437
Aroclor-1232	ND		1.09	0.437
Aroclor-1242	ND		1.09	0.437
Aroclor-1248	115		1.09	0.437
Aroclor-1254	ND		1.09	0.437
Aroclor-1260	ND		1.09	0.437
Aroclor-1262	ND		1.09	0.437
Aroclor-1268	ND		1.09	0.437
PCBs	115		1.09	0.437

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-018
Client ID: H-36W_(4.0)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/17/2013
Data file: Y8502.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 23.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.052	0.021
Aroclor-1221	ND		0.052	0.021
Aroclor-1232	ND		0.052	0.021
Aroclor-1242	ND		0.052	0.021
Aroclor-1248	ND		0.052	0.021
Aroclor-1254	ND		0.052	0.021
Aroclor-1260	ND		0.052	0.021
Aroclor-1262	ND		0.052	0.021
Aroclor-1268	ND		0.052	0.021
PCBs	ND		0.052	0.021

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-019
Client ID: H-36N_(0-2)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/18/2013
Data file: Y8503.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 9.30

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.441	0.176
Aroclor-1221	ND		0.441	0.176
Aroclor-1232	ND		0.441	0.176
Aroclor-1242	ND		0.441	0.176
Aroclor-1248	40.5		0.441	0.176
Aroclor-1254	ND		0.441	0.176
Aroclor-1260	ND		0.441	0.176
Aroclor-1262	ND		0.441	0.176
Aroclor-1268	ND		0.441	0.176
PCBs	40.5		0.441	0.176

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-020
Client ID: H-36N_(4.0
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/18/2013
Data file: Y8504.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 26.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.054	0.022
Aroclor-1221	ND		0.054	0.022
Aroclor-1232	ND		0.054	0.022
Aroclor-1242	ND		0.054	0.022
Aroclor-1248	ND		0.054	0.022
Aroclor-1254	ND		0.054	0.022
Aroclor-1260	ND		0.054	0.022
Aroclor-1262	ND		0.054	0.022
Aroclor-1268	ND		0.054	0.022
PCBs	ND		0.054	0.022

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-021
Client ID: I-35W_(2.0)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/18/2013
Data file: Y8505.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 7.80

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.043	0.017
Aroclor-1221	ND		0.043	0.017
Aroclor-1232	ND		0.043	0.017
Aroclor-1242	ND		0.043	0.017
Aroclor-1248	1.57		0.043	0.017
Aroclor-1254	ND		0.043	0.017
Aroclor-1260	ND		0.043	0.017
Aroclor-1262	ND		0.043	0.017
Aroclor-1268	ND		0.043	0.017
PCBs	1.57		0.043	0.017

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-022
Client ID: I-35S_(2.0)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/18/2013
Data file: Y8506.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 11.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.906	0.362
Aroclor-1221	ND		0.906	0.362
Aroclor-1232	ND		0.906	0.362
Aroclor-1242	ND		0.906	0.362
Aroclor-1248	143		0.906	0.362
Aroclor-1254	ND		0.906	0.362
Aroclor-1260	ND		0.906	0.362
Aroclor-1262	ND		0.906	0.362
Aroclor-1268	ND		0.906	0.362
PCBs	143		0.906	0.362

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-023
Client ID: I-35E_(2.0)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/18/2013
Data file: Y8507.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 34.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.061	0.025
Aroclor-1221	ND		0.061	0.025
Aroclor-1232	ND		0.061	0.025
Aroclor-1242	ND		0.061	0.025
Aroclor-1248	1.52		0.061	0.025
Aroclor-1254	ND		0.061	0.025
Aroclor-1260	ND		0.061	0.025
Aroclor-1262	ND		0.061	0.025
Aroclor-1268	ND		0.061	0.025
PCBs	1.52		0.061	0.025

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-024
Client ID: I-35E_(0-2
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/18/2013
Data file: Y8508.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 400
% Moisture: 16.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		19.2	7.66
Aroclor-1221	ND		19.2	7.66
Aroclor-1232	ND		19.2	7.66
Aroclor-1242	ND		19.2	7.66
Aroclor-1248	2970		19.2	7.66
Aroclor-1254	ND		19.2	7.66
Aroclor-1260	ND		19.2	7.66
Aroclor-1262	ND		19.2	7.66
Aroclor-1268	ND		19.2	7.66
PCBs	2970		19.2	7.66

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-025
Client ID: I-35N_(2.0)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/18/2013
Data file: Y8509.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 26.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.054	0.022
Aroclor-1221	ND		0.054	0.022
Aroclor-1232	ND		0.054	0.022
Aroclor-1242	ND		0.054	0.022
Aroclor-1248	ND		0.054	0.022
Aroclor-1254	ND		0.054	0.022
Aroclor-1260	ND		0.054	0.022
Aroclor-1262	ND		0.054	0.022
Aroclor-1268	ND		0.054	0.022
PCBs	ND		0.054	0.022

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-026
Client ID: J-35N_(0-2
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/15/2013
Data file: Y8377.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.50g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 15.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.859	0.343
Aroclor-1221	ND		0.859	0.343
Aroclor-1232	ND		0.859	0.343
Aroclor-1242	ND		0.859	0.343
Aroclor-1248	120		0.859	0.343
Aroclor-1254	ND		0.859	0.343
Aroclor-1260	ND		0.859	0.343
Aroclor-1262	ND		0.859	0.343
Aroclor-1268	ND		0.859	0.343
PCBs	120		0.859	0.343

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-027
Client ID: I-33S_(4.0)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/14/2013
Data file: Y8307.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.60g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 25.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.048	0.019
Aroclor-1221	ND		0.048	0.019
Aroclor-1232	ND		0.048	0.019
Aroclor-1242	2.26		0.048	0.019
Aroclor-1248	ND		0.048	0.019
Aroclor-1254	ND		0.048	0.019
Aroclor-1260	ND		0.048	0.019
Aroclor-1262	ND		0.048	0.019
Aroclor-1268	ND		0.048	0.019
PCBs	2.26		0.048	0.019

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-028
Client ID: I-33E_(4.0)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/15/2013
Data file: Y8347.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.40g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 74.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		144	57.4
Aroclor-1221	ND		144	57.4
Aroclor-1232	ND		144	57.4
Aroclor-1242	ND		144	57.4
Aroclor-1248	7520		144	57.4
Aroclor-1254	ND		144	57.4
Aroclor-1260	ND		144	57.4
Aroclor-1262	ND		144	57.4
Aroclor-1268	ND		144	57.4
PCBs	7520		144	57.4

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-029
Client ID: I-33N_(4.0)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/14/2013
Data file: Y8309.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.30g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 73.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.141	0.056
Aroclor-1221	ND		0.141	0.056
Aroclor-1232	ND		0.141	0.056
Aroclor-1242	1.07		0.141	0.056
Aroclor-1248	ND		0.141	0.056
Aroclor-1254	ND		0.141	0.056
Aroclor-1260	ND		0.141	0.056
Aroclor-1262	ND		0.141	0.056
Aroclor-1268	ND		0.141	0.056
PCBs	1.07		0.141	0.056

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-030
Client ID: I-33W_(4.0)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/15/2013
Data file: Y8378.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.60g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10000
% Moisture: 61.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		923	369
Aroclor-1221	ND		923	369
Aroclor-1232	ND		923	369
Aroclor-1242	ND		923	369
Aroclor-1248	121000		923	369
Aroclor-1254	ND		923	369
Aroclor-1260	ND		923	369
Aroclor-1262	ND		923	369
Aroclor-1268	ND		923	369
PCBs	121000		923	369

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-031
Client ID: E-33W_(0-2)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/15/2013
Data file: Y8344.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.40g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 16.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.443	0.177
Aroclor-1221	ND		0.443	0.177
Aroclor-1232	ND		0.443	0.177
Aroclor-1242	ND		0.443	0.177
Aroclor-1248	42.7		0.443	0.177
Aroclor-1254	ND		0.443	0.177
Aroclor-1260	ND		0.443	0.177
Aroclor-1262	ND		0.443	0.177
Aroclor-1268	ND		0.443	0.177
PCBs	42.7		0.443	0.177

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-032
Client ID: D-32N_(0-2)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/15/2013
Data file: Y8345.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.80g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 18.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.423	0.169
Aroclor-1221	ND		0.423	0.169
Aroclor-1232	ND		0.423	0.169
Aroclor-1242	ND		0.423	0.169
Aroclor-1248	37.2		0.423	0.169
Aroclor-1254	ND		0.423	0.169
Aroclor-1260	ND		0.423	0.169
Aroclor-1262	ND		0.423	0.169
Aroclor-1268	ND		0.423	0.169
PCBs	37.2		0.423	0.169

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-033
Client ID: D-32N_(2.0
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/15/2013
Data file: Y8342.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.30g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 5
% Moisture: 27.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.261	0.104
Aroclor-1221	ND		0.261	0.104
Aroclor-1232	ND		0.261	0.104
Aroclor-1242	ND		0.261	0.104
Aroclor-1248	23.1		0.261	0.104
Aroclor-1254	ND		0.261	0.104
Aroclor-1260	ND		0.261	0.104
Aroclor-1262	ND		0.261	0.104
Aroclor-1268	ND		0.261	0.104
PCBs	23.1		0.261	0.104

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-034
Client ID: D-31N_(0-2)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/14/2013
Data file: Y8338.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.80g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 30.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.049	0.020
Aroclor-1221	ND		0.049	0.020
Aroclor-1232	ND		0.049	0.020
Aroclor-1242	ND		0.049	0.020
Aroclor-1248	2.31		0.049	0.020
Aroclor-1254	1.30		0.049	0.020
Aroclor-1260	ND		0.049	0.020
Aroclor-1262	ND		0.049	0.020
Aroclor-1268	ND		0.049	0.020
PCBs	3.61		0.049	0.020

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-035
Client ID: D-31W_(0-2)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/15/2013
Data file: Y8346.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.60g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 27.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.491	0.197
Aroclor-1221	ND		0.491	0.197
Aroclor-1232	ND		0.491	0.197
Aroclor-1242	ND		0.491	0.197
Aroclor-1248	40.5		0.491	0.197
Aroclor-1254	ND		0.491	0.197
Aroclor-1260	ND		0.491	0.197
Aroclor-1262	ND		0.491	0.197
Aroclor-1268	ND		0.491	0.197
PCBs	40.5		0.491	0.197

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-036
Client ID: E-31N_(0-2)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/14/2013
Data file: Y8339.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.80g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 11.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.039	0.016
Aroclor-1221	ND		0.039	0.016
Aroclor-1232	ND		0.039	0.016
Aroclor-1242	ND		0.039	0.016
Aroclor-1248	1.99		0.039	0.016
Aroclor-1254	1.04		0.039	0.016
Aroclor-1260	ND		0.039	0.016
Aroclor-1262	ND		0.039	0.016
Aroclor-1268	ND		0.039	0.016
PCBs	3.03		0.039	0.016

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-037
Client ID: F-30W_(0-2)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/14/2013
Data file: Y8340.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.50g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 13.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.042	0.017
Aroclor-1221	ND		0.042	0.017
Aroclor-1232	ND		0.042	0.017
Aroclor-1242	ND		0.042	0.017
Aroclor-1248	4.67		0.042	0.017
Aroclor-1254	ND		0.042	0.017
Aroclor-1260	ND		0.042	0.017
Aroclor-1262	ND		0.042	0.017
Aroclor-1268	ND		0.042	0.017
PCBs	4.67		0.042	0.017

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-038
Client ID: F-30N_(0-2)
Date Received: 05/03/2013
Date Extracted: 05/07/2013
Date Analyzed: 05/15/2013
Data file: Y8341.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.70g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 30.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.051	0.020
Aroclor-1221	ND		0.051	0.020
Aroclor-1232	ND		0.051	0.020
Aroclor-1242	ND		0.051	0.020
Aroclor-1248	3.69		0.051	0.020
Aroclor-1254	ND		0.051	0.020
Aroclor-1260	ND		0.051	0.020
Aroclor-1262	ND		0.051	0.020
Aroclor-1268	ND		0.051	0.020
PCBs	3.69		0.051	0.020

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: 04119-039

Client ID: FB-82

Date Received: 05/03/2013

Date Extracted: 05/09/2013

Date Analyzed: 05/14/2013

Data file: Y8283.D

GC Column: DB-5/DB1701P

Sample wt/vol: 1000ml

Matrix-Units: Aqueous-mg/L (ppm)

Dilution Factor: 1

% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.00005	0.00002
Aroclor-1221	ND		0.00005	0.00002
Aroclor-1232	ND		0.00005	0.00002
Aroclor-1242	ND		0.00005	0.00002
Aroclor-1248	ND		0.00005	0.00002
Aroclor-1254	ND		0.00005	0.00002
Aroclor-1260	ND		0.00005	0.00002
Aroclor-1262	ND		0.00005	0.00002
Aroclor-1268	ND		0.00005	0.00002
PCBs	ND		0.00005	0.00002

PCB DATA

PCB QC SUMMARY

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 05/08/2013

Client ID	Sample ID	Matrix	TCMX 1		DCB 1		TCMX 2		DCB 2	
			% rec	#	% rec	#	% rec	#	% rec	#
PCB	BLKA130502-08	AQUEOUS	82		103		81		101	
FB-77	03804-036	AQUEOUS	85		102		84		100	
001	03886-001	AQUEOUS	49		86		49		82	
HEADER_EAST	03857-001	AQUEOUS	57		81		56		81	
FB-78	03859-040	AQUEOUS	82		105		82		105	
PCB	03857-001MS	AQUEOUS	97		130		96		130	
PCB	03857-001MSD	AQUEOUS	104		137		104		135	
PCB	LCSA130502-08	AQUEOUS	81		106		80		106	

Surrogate QC Limits

Soil Aqueous

TCMX = Tetrachloro-m-xylene

30-150 30-150

DCB = Decachlorobiphenyl

30-150 30-150

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 05/14/2013

Client ID	Sample ID	Matrix	TCMX 1		DCB 1		TCMX 2		DCB 2	
			% rec	#	% rec	#	% rec	#	% rec	#
PCB	BLKA130509-09	AQUEOUS	95		91		91		100	
FB-81	04028-025	AQUEOUS	117		108		112		111	
PLANT_INFL	04103-002	AQUEOUS	57		61		55		69	
MW-30/18.0	04070-002	AQUEOUS	85		85		84		94	
FB-82	04119-039	AQUEOUS	117		99		112		100	
PLANT_EFFL	04104-002	WASTE WATER	78		86		75		97	
D014A-00EB	04213-020	AQUEOUS	79		91		76		105	
PCB	LCSA130509-09	AQUEOUS	120		115		114		115	
MW-28/13.2	04070-001	AQUEOUS	115		125		115		105	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

Soil

30-150

Aqueous

30-150

30-150

30-150

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 05/14/2013

Client ID	Sample ID	Matrix	TCMX 1		DCB 1		TCMX 2		DCB 2	
			% rec	#	% rec	#	% rec	#	% rec	#
PCB	BLKS130507-20	SOIL	90		86		87		101	
I-33S_(4.0	04119-027	SOIL	94		101		95		99	
I-33N_(4.0	04119-029	SOIL	113		117		112		112	
PCB	04151-006MS	SOIL	73		75		86		116	
PCB	04151-006MSD	SOIL	65		66		76		90	
PCB	LCSS130507-20	SOIL	65		66		77		83	
WC-1	04150-001	SOIL	61		82		71		112	
S-1	04151-001	SOIL	68		75		80		84	
S-2	04151-002	SOIL	72		80		85		92	
S-3	04151-003	SOIL	77		82		90		103	
S-4	04151-004	SOIL	69		77		81		94	
B-5	04151-005	SOIL	69		74		81		90	
C-6	04151-006	SOIL	62		72		73		90	
D-31N_(0-2	04119-034	SOIL	68		81		83		95	
E-31N_(0-2	04119-036	SOIL	69		85		84		94	
F-30W_(0-2	04119-037	SOIL	78		89		94		100	
F-30N_(0-2	04119-038	SOIL	72		75		87		92	
D-32N_(2.0	04119-033	SOIL	100		94		121		105	
E-33W_(0-2	04119-031	SOIL	89		84		108		103	
D-32N_(0-2	04119-032	SOIL	91		92		110		91	
D-31W_(0-2	04119-035	SOIL	106		111		130		117	
I-33E_(4.0	04119-028	SOIL	0	D	0	D	0	D	0	D
J-35N_(0-2	04119-026	SOIL	96		78		116		96	
I-33W_(4.0	04119-030	SOIL	0	D	0	D	0	D	0	D

Surrogate QC Limits

Soil Aqueous

TCMX = Tetrachloro-m-xylene

30-150 30-150

DCB = Decachlorobiphenyl

30-150 30-150

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 05/17/2013

Client ID	Sample ID	Matrix	TCMX 1		DCB 1		TCMX 2		DCB 2	
			% rec	#	% rec	#	% rec	#	% rec	#
PCB	BLKS130507-18	SOIL	86		90		86		90	
WC-5S/0-6	04116-004	SOIL	84		77		77		119	
WC-5D/6-12	04116-005	SOIL	93		110		89		132	
WC-6S/0-6	04116-009	SOIL	58		78		57		89	
WC-6D/6-12	04116-010	SOIL	57		103		55		83	
WC-7S/0-6	04116-013	SOIL	75		102		74		111	
WC-7D_6-12	04116-014	SOIL	74		81		73		85	
WC-8/0-12	04116-017	SOIL	74		98		74		105	
WC-3S/0-6	04116-021	SOIL	68		78		59		117	
WC-3D/6-12	04116-022	SOIL	63		97		58		99	
WC-1S/0-6	04116-026	SOIL	57		83		55		87	
WC-1D/6-12	04116-027	SOIL	61		95		57		99	
WC-2S/0-6	04116-031	SOIL	64		92		63		104	
WC-2D/6-12	04116-032	SOIL	74		82		75		86	
WC-4S/0-6	04116-036	SOIL	61		80		57		87	
WC-4D/6-12	04116-037	SOIL	68		105		69		93	
I-37N_(0-2	04119-002	SOIL	0	D	0	D	0	D	0	D
I-37S_(0-2	04119-003	SOIL	0	D	0	D	0	D	0	D
H-36S_(0-2	04119-005	SOIL	0	D	0	D	0	D	0	D
PCB	04116-004MS	SOIL	65		70		59		114	
PCB	04116-004MSD	SOIL	62		82		58		133	
PCB	LCSS130507-18	SOIL	86		95		85		103	
J-36S_(2.0	04119-001	SOIL	0	D	0	D	0	D	0	D
I-37W_(0-2	04119-004	SOIL	0	D	0	D	0	D	0	D

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

Soil

30-150

Aqueous

30-150

30-150

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 05/17/2013

Client ID	Lab	Sample ID	Matrix	TCMX 1		DCB 1		TCMX 2		DCB 2	
				% rec	#	% rec	#	% rec	#	% rec	#
PCB		BLKS130507-19	SOIL	56		75		76		91	
H-36S_(4.0)		04119-006	SOIL	79		116		102		121	
H-36E_(0-2)		04119-007	SOIL	0	D	0	D	0	D	0	D
H-36E_(4.0)		04119-008	SOIL	65		90		83		132	
J-36W_(0-2)		04119-009	SOIL	0	D	0	D	0	D	0	D
J-36W_(2.0)		04119-010	SOIL	67		80		84		90	
J-35S_(2.0)		04119-011	SOIL	73		97		92		122	
J-36E_(0-2)		04119-012	SOIL	96		112		124		102	
J-36E_(2.0)		04119-013	SOIL	76		122		93		114	
K-35S_(0-2)		04119-014	SOIL	102		0	M	108		0	M
K-35E_(0-2)		04119-015	SOIL	61		102		123		86	
K-35N_(0-2)		04119-016	SOIL	58		67		67		80	
H-36W_(0-2)		04119-017	SOIL	102		0	M	116		0	M
H-36W_(4.0)		04119-018	SOIL	66		99		78		103	
H-36N_(0-2)		04119-019	SOIL	104		0	M	96		0	M
H-36N_(4.0)		04119-020	SOIL	83		144		91		98	
I-35W_(2.0)		04119-021	SOIL	91		124		94		136	
I-35S_(2.0)		04119-022	SOIL	112		0	M	108		0	M
I-35E_(2.0)		04119-023	SOIL	79		101		107		119	
I-35E_(0-2)		04119-024	SOIL	0	D	0	D	0	D	0	D
I-35N_(2.0)		04119-025	SOIL	61		87		74		108	
PCB		04119-025MS	SOIL	68		115		79		134	
PCB		04119-025MSD	SOIL	70		115		78		113	
PCB		LCSS130507-19	SOIL	72		79		80		112	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

Soil

Aqueous

30-150 30-150

30-150 30-150

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

AQUEOUS PCB LCS ACCURACY RECOVERY

Matrix spike Lab sample ID:

LCSA130509-09

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	450.1	90	40 - 140
Aroclor-1260	500.0	0.0	430.7	86	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: 0 out of 2 outside limits

SOIL PCB LCS ACCURACY RECOVERY

Matrix spike Lab sample ID: LCSS130507-20

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	323.5	65	40 - 140
Aroclor-1260	500.0	0.0	315.4	63	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: 0 out of 2 outside limits

SOIL PCB LCS ACCURACY RECOVERY

Matrix spike Lab sample ID:

LCSS130507-18

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	520.9	104	40 - 140
Aroclor-1260	500.0	0.0	566.9	113	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: 0 out of 2 outside limits

SOIL PCB LCS ACCURACY RECOVERY

Matrix spike Lab sample ID: LCSS130507-19

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	394.1	79	40 - 140
Aroclor-1260	500.0	0.0	463.9	93	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: 0 out of 2 outside limits

AQUEOUS PCB MS/MSD ACCURACY RECOVERY

Matrix spike Lab sample ID: 03857-001

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	523.2	105	40 - 140
Aroclor-1260	500.0	0.0	586.5	117	40 - 140

Compound	SAMPLE CONC. (ug/L)	MSD CONC. (ug/L)	MSD % # REC	% RPD #	QC LIMITS RPD	REC.
Aroclor-1016	0.0	561.5	112	6	50	40 - 140
Aroclor-1260	0.0	618.7	124	6	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 4 outside limits

SOIL PCB MS/MSD ACCURACY RECOVERY

Matrix spike Lab sample ID: 04151-006

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	345.9	69	40 - 140
Aroclor-1260	500.0	0.0	329.7	66	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD #	% REC	% RPD #	QC LIMITS RPD	REC.
Aroclor-1016	0.0	297.1	59	16	50	40 - 140	
Aroclor-1260	0.0	303.4	61	8	50	40 - 140	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 4 outside limits

SOIL PCB MS/MSD ACCURACY RECOVERY

Matrix spike Lab sample ID: 04116-004

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	372.3	74	40 - 140
Aroclor-1260	500.0	0.0	494.2	99	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD #	MSD % REC	QC LIMITS RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	398.9	80	8	50	40 - 140	
Aroclor-1260	0.0	485.7	97	2	50	40 - 140	

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 4 outside limits

SOIL PCB MS/MSD ACCURACY RECOVERY

Matrix spike Lab sample ID: 04119-025

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	508.7	102	40 - 140
Aroclor-1260	500.0	0.0	455.4	91	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD % # REC	% RPD #	QC LIMITS RPD	REC.
Aroclor-1016	0.0	570.5	114	11	50	40 - 140
Aroclor-1260	0.0	558.8	112	21	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: 0 out of 2 outside limits

Spike Recovery: 0 out of 4 outside limits

PCB METHOD BLANK SUMMARY

Lab File ID: R9852.D

Instrument ID: GC-R

Date Extracted: 05/02/2013

Matrix: AQUEOUS

Date Analyzed: 05/08/2013

Time Analyzed: 17:25

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
FB-77	03804-036	05/08/2013	17:42
001	03886-001	05/08/2013	18:00
HEADER_EAST	03857-001	05/08/2013	18:17
FB-78	03859-040	05/08/2013	18:34
PCB	03857-001MS	05/08/2013	18:52
PCB	03857-001MSD	05/08/2013	19:09
PCB	LCSA130502-08	05/08/2013	19:27

PCB METHOD BLANK SUMMARY

Lab File ID: Y8278.D

Instrument ID: GC-Y

Date Extracted: 05/09/2013

Matrix: AQUEOUS

Date Analyzed: 05/14/2013

Time Analyzed: 02:00

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
FB-81	04028-025	05/14/2013	02:17
PLANT_INF	04103-002	05/14/2013	02:35
MW-30/18.0	04070-002	05/14/2013	03:10
FB-82	04119-039	05/14/2013	03:27
PLANT_EFFL	04104-002	05/14/2013	03:44
D014A-00EB	04213-020	05/14/2013	04:02
PCB	LCSA130509-09	05/14/2013	04:19
MW-28/13.2	04070-001	05/14/2013	09:56

PCB METHOD BLANK SUMMARY

Lab File ID: Y8305.D Instrument ID: GC-Y

Date Extracted: 05/07/2013 Matrix: SOIL

Date Analyzed: 05/14/2013 Time Analyzed: 10:31

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
I-33S_(4.0	04119-027	05/14/2013	11:06
I-33N_(4.0	04119-029	05/14/2013	11:41
PCB	04151-006MS	05/14/2013	16:37
PCB	04151-006MSD	05/14/2013	16:55
PCB	LCSS130507-20	05/14/2013	17:12
WC-1	04150-001	05/14/2013	21:13
S-1	04151-001	05/14/2013	21:31
S-2	04151-002	05/14/2013	21:48
S-3	04151-003	05/14/2013	22:05
S-4	04151-004	05/14/2013	22:23
B-5	04151-005	05/14/2013	22:40
C-6	04151-006	05/14/2013	22:58
D-31N_(0-2	04119-034	05/14/2013	23:15
E-31N_(0-2	04119-036	05/14/2013	23:32
F-30W_(0-2	04119-037	05/14/2013	23:50
F-30N_(0-2	04119-038	05/15/2013	00:07
D-32N_(2.0	04119-033	05/15/2013	00:25
E-33W_(0-2	04119-031	05/15/2013	01:00
D-32N_(0-2	04119-032	05/15/2013	01:17
D-31W_(0-2	04119-035	05/15/2013	01:34
I-33E_(4.0	04119-028	05/15/2013	01:52
J-35N_(0-2	04119-026	05/15/2013	12:55
I-33W_(4.0	04119-030	05/15/2013	13:13

PCB METHOD BLANK SUMMARY

Lab File ID: R0350.D Instrument ID: GC-R

Date Extracted: 05/07/2013 Matrix: SOIL

Date Analyzed: 05/17/2013 Time Analyzed: 21:15

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
WC-5S/0-6	04116-004	05/17/2013	21:32
WC-5D/6-12	04116-005	05/17/2013	21:50
WC-6S/0-6	04116-009	05/17/2013	22:07
WC-6D/6-12	04116-010	05/17/2013	22:24
WC-7S/0-6	04116-013	05/17/2013	22:42
WC-7D_6-12	04116-014	05/17/2013	22:59
WC-8/0-12	04116-017	05/17/2013	23:17
WC-3S/0-6	04116-021	05/17/2013	23:34
WC-3D/6-12	04116-022	05/17/2013	23:52
WC-1S/0-6	04116-026	05/18/2013	00:09
WC-1D/6-12	04116-027	05/18/2013	00:26
WC-2S/0-6	04116-031	05/18/2013	00:43
WC-2D/6-12	04116-032	05/18/2013	01:01
WC-4S/0-6	04116-036	05/18/2013	01:18
WC-4D/6-12	04116-037	05/18/2013	01:36
I-37N_(0-2	04119-002	05/18/2013	02:11
I-37S_(0-2	04119-003	05/18/2013	02:28
H-36S_(0-2	04119-005	05/18/2013	03:03
PCB	04116-004MS	05/18/2013	03:20
PCB	04116-004MSD	05/18/2013	03:37
PCB	LCSS130507-18	05/18/2013	04:30
J-36S_(2.0	04119-001	05/19/2013	14:30
I-37W_(0-2	04119-004	05/20/2013	10:51

PCB METHOD BLANK SUMMARY

Lab File ID: Y8489.D Instrument ID: GC-Y

Date Extracted: 05/07/2013 Matrix: SOIL

Date Analyzed: 05/17/2013 Time Analyzed: 20:06

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
H-36S_(4.0	04119-006	05/17/2013	20:23
H-36E_(0-2	04119-007	05/17/2013	20:41
H-36E_(4.0	04119-008	05/17/2013	20:58
J-36W_(0-2	04119-009	05/17/2013	21:15
J-36W_(2.0	04119-010	05/17/2013	21:33
J-35S_(2.0	04119-011	05/17/2013	21:50
J-36E_(0-2	04119-012	05/17/2013	22:08
J-36E_(2.0	04119-013	05/17/2013	22:25
K-35S_(0-2	04119-014	05/17/2013	22:42
K-35E_(0-2	04119-015	05/17/2013	23:00
K-35N_(0-2	04119-016	05/17/2013	23:17
H-36W_(0-2	04119-017	05/17/2013	23:34
H-36W_(4.0	04119-018	05/17/2013	23:52
H-36N_(0-2	04119-019	05/18/2013	00:09
H-36N_(4.0	04119-020	05/18/2013	00:26
I-35W_(2.0	04119-021	05/18/2013	00:44
I-35S_(2.0	04119-022	05/18/2013	01:01
I-35E_(2.0	04119-023	05/18/2013	01:19
I-35E_(0-2	04119-024	05/18/2013	01:36
I-35N_(2.0	04119-025	05/18/2013	01:53
PCB	04119-025MS	05/18/2013	02:11
PCB	04119-025MSD	05/18/2013	02:28
PCB	LCSS130507-19	05/18/2013	03:03

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013 Instrument ID: GC-R
 GC Column (1st): DB-5

Data File: R8905.D R8904.D R8903.D R8902.D R8901.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.22	3.22	3.22	3.22	3.22	3.22	3.15	3.29
Aroclor-1016 {2}	4.05	4.05	4.05	4.05	4.05	4.05	3.98	4.12
Aroclor-1016 {3}	4.60	4.60	4.60	4.60	4.60	4.60	4.53	4.67
Aroclor-1016 {4}	5.11	5.11	5.11	5.11	5.11	5.11	5.04	5.18
Aroclor-1016 {5}	5.50	5.50	5.50	5.50	5.50	5.50	5.43	5.57
Aroclor-1221			2.13				2.06	2.20
Aroclor-1221 {2}			3.02				2.95	3.09
Aroclor-1221 {3}			3.14				3.07	3.21
Aroclor-1221 {4}			3.22				3.15	3.29
Aroclor-1221 {5}			3.81				3.74	3.88
Aroclor-1232			3.22				3.15	3.29
Aroclor-1232 {2}			4.05				3.98	4.12
Aroclor-1232 {3}			4.71				4.64	4.78
Aroclor-1232 {4}			5.31				5.24	5.38
Aroclor-1232 {5}			5.50				5.43	5.57
Aroclor-1242			4.05				3.98	4.12
Aroclor-1242 {2}			4.99				4.92	5.06
Aroclor-1242 {3}			5.31				5.24	5.38
Aroclor-1242 {4}			6.01				5.94	6.08
Aroclor-1242 {5}			6.28				6.21	6.35
Aroclor-1248			4.45				4.37	4.53
Aroclor-1248 {2}			4.99				4.91	5.07
Aroclor-1248 {3}			5.31				5.23	5.39
Aroclor-1248 {4}			6.01				5.93	6.09
Aroclor-1248 {5}			6.28				6.20	6.36
Aroclor-1254			6.41				6.33	6.49
Aroclor-1254 {2}			6.84				6.76	6.92
Aroclor-1254 {3}			7.01				6.92	7.10
Aroclor-1254 {4}			7.45				7.36	7.54
Aroclor-1254 {5}			8.29				8.20	8.38
Aroclor-1260	8.29	8.29	8.29	8.29	8.29	8.29	7.39	9.19
Aroclor-1260 {2}	8.97	8.97	8.97	8.97	8.97	8.97	8.07	9.87
Aroclor-1260 {3}	9.45	9.45	9.45	9.45	9.45	9.45	8.55	10.35
Aroclor-1260 {4}	9.93	9.93	9.93	9.93	9.93	9.93	9.03	10.83
Aroclor-1260 {5}	10.99	10.99	10.99	10.99	10.99	10.99	10.09	11.89

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R8905.D R8904.D R8903.D R8902.D R8901.D

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1016	273388	262231	232321	216327	211748	239203	11.49
Aroclor-1016 {2}	355668	346400	312881	294629	287298	319375	9.56
Aroclor-1016 {3}	465937	440044	402716	378416	373098	412042	9.73
Aroclor-1016 {4}	209972	207662	184891	170691	168312	188306	10.51
Aroclor-1016 {5}	360579	333624	314804	298233	296099	320668	8.40
Aroclor-1221			94887				
Aroclor-1221 {2}			154466				
Aroclor-1221 {3}			94825				
Aroclor-1221 {4}			329982				
Aroclor-1221 {5}			71657				
Aroclor-1232			214046				
Aroclor-1232 {2}			121911				
Aroclor-1232 {3}			107288				
Aroclor-1232 {4}			114903				
Aroclor-1232 {5}			143470				
Aroclor-1242			219484				
Aroclor-1242 {2}			135896				
Aroclor-1242 {3}			188075				
Aroclor-1242 {4}			269670				
Aroclor-1242 {5}			244389				
Aroclor-1248			464016				
Aroclor-1248 {2}			261841				
Aroclor-1248 {3}			337846				
Aroclor-1248 {4}			509953				
Aroclor-1248 {5}			410435				
Aroclor-1254			579732				
Aroclor-1254 {2}			373682				
Aroclor-1254 {3}			674547				
Aroclor-1254 {4}			720918				
Aroclor-1254 {5}			623290				
Aroclor-1260	893716	880947	867411	809850	829207	856226	4.14
Aroclor-1260 {2}	414317	413297	400025	370970	381743	396070	4.86
Aroclor-1260 {3}	940915	954989	973088	902329	944898	943244	2.76
Aroclor-1260 {4}	505168	508145	519743	483352	517232	506728	2.84
Aroclor-1260 {5}	193767	206842	214645	195637	217355	205649	5.22
Average %RSD						6.95	

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

Instrument ID: GC-R
GC Column (2nd): DB-1701P

Data File: R8905.C R8904.C R8903.C R8902.C R8901.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.43	3.43	3.43	3.43	3.43	3.43	3.36	3.50
Aroclor-1016 {2}	4.00	4.00	4.00	4.00	4.00	4.00	3.93	4.07
Aroclor-1016 {3}	4.72	4.72	4.72	4.72	4.72	4.72	4.65	4.79
Aroclor-1016 {4}	4.92	4.92	4.92	4.92	4.92	4.92	4.85	4.99
Aroclor-1016 {5}	5.09	5.09	5.09	5.09	5.09	5.09	5.02	5.16
Aroclor-1221			2.21				2.14	2.28
Aroclor-1221 {2}			3.12				3.05	3.19
Aroclor-1221 {3}			3.34				3.27	3.41
Aroclor-1221 {4}			3.43				3.36	3.50
Aroclor-1221 {5}			4.72				4.65	4.79
Aroclor-1232			3.43				3.36	3.50
Aroclor-1232 {2}			4.37				4.30	4.44
Aroclor-1232 {3}			4.92				4.85	4.99
Aroclor-1232 {4}			5.09				5.02	5.16
Aroclor-1232 {5}			5.68				5.61	5.75
Aroclor-1242			4.37				4.30	4.44
Aroclor-1242 {2}			5.09				5.02	5.16
Aroclor-1242 {3}			5.68				5.61	5.75
Aroclor-1242 {4}			5.83				5.76	5.90
Aroclor-1242 {5}			6.36				6.29	6.43
Aroclor-1248			4.72				4.64	4.80
Aroclor-1248 {2}			5.29				5.21	5.37
Aroclor-1248 {3}			5.68				5.60	5.76
Aroclor-1248 {4}			5.83				5.75	5.91
Aroclor-1248 {5}			6.17				6.09	6.25
Aroclor-1254			6.66				6.58	6.74
Aroclor-1254 {2}			7.24				7.16	7.32
Aroclor-1254 {3}			7.67				7.58	7.76
Aroclor-1254 {4}			7.85				7.76	7.94
Aroclor-1254 {5}			8.66				8.57	8.75
Aroclor-1260	7.42	7.42	7.42	7.42	7.42	7.42	6.52	8.32
Aroclor-1260 {2}	7.67	7.67	7.67	7.67	7.67	7.67	6.77	8.57
Aroclor-1260 {3}	9.26	9.25	9.25	9.25	9.26	9.25	8.35	10.15
Aroclor-1260 {4}	9.76	9.76	9.76	9.76	9.76	9.76	8.86	10.66
Aroclor-1260 {5}	10.35	10.35	10.35	10.35	10.35	10.35	9.45	11.25

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

Instrument ID: GC-R
GC Column (2nd): DB-1701P

Data File: R8905.C R8904.C R8903.C R8902.C R8901.C

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1016	310487	301042	267602	243632	237750	272103	12.08
Aroclor-1016 {2}	645599	605534	516583	472731	456250	539339	15.38
Aroclor-1016 {3}	1426225	1276806	1187827	1108723	1072668	1214450	11.70
Aroclor-1016 {4}	516529	544448	493102	455652	440983	490143	8.69
Aroclor-1016 {5}	435257	421935	384643	351242	349078	388431	10.19
Aroclor-1221			113088				
Aroclor-1221 {2}			164920				
Aroclor-1221 {3}			103383				
Aroclor-1221 {4}			377724				
Aroclor-1221 {5}			72409				
Aroclor-1232			248610				
Aroclor-1232 {2}			95062				
Aroclor-1232 {3}			197951				
Aroclor-1232 {4}			153040				
Aroclor-1232 {5}			214098				
Aroclor-1242			166381				
Aroclor-1242 {2}			268965				
Aroclor-1242 {3}			354665				
Aroclor-1242 {4}			287175				
Aroclor-1242 {5}			560240				
Aroclor-1248			541041				
Aroclor-1248 {2}			791761				
Aroclor-1248 {3}			570141				
Aroclor-1248 {4}			477960				
Aroclor-1248 {5}			283064				
Aroclor-1254			733486				
Aroclor-1254 {2}			566456				
Aroclor-1254 {3}			373499				
Aroclor-1254 {4}			562589				
Aroclor-1254 {5}			738640				
Aroclor-1260	542399	499412	432439	399390	394100	453548	14.34
Aroclor-1260 {2}	825827	719863	622456	572510	562332	660597	16.87
Aroclor-1260 {3}	630230	579776	546199	501283	510947	553687	9.54
Aroclor-1260 {4}	1255307	1165350	1154225	1060442	1104521	1147969	6.37
Aroclor-1260 {5}	865521	824908	830501	747665	819808	817681	5.26
Average %RSD						11.04	

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R8905.D R8904.D R8903.D R8902.D R8901.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			8.67				8.55	8.79
Aroclor-1262 {2}			9.45				9.33	9.57
Aroclor-1262 {3}			10.08				9.96	10.20
Aroclor-1262 {4}			10.17				10.05	10.29
Aroclor-1262 {5}			10.99				10.87	11.11
Aroclor-1268			10.08				9.96	10.20
Aroclor-1268 {2}			10.17				10.05	10.29
Aroclor-1268 {3}			10.64				10.52	10.76
Aroclor-1268 {4}			10.77				10.65	10.89
Aroclor-1268 {5}			11.60				11.48	11.72

GC Column (2nd): DB-1701P

Data File: R8905.C R8904.C R8903.C R8902.C R8901.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			9.25				9.13	9.37
Aroclor-1262 {2}			9.76				9.64	9.88
Aroclor-1262 {3}			10.26				10.14	10.38
Aroclor-1262 {4}			10.34				10.22	10.46
Aroclor-1262 {5}			10.94				10.82	11.06
Aroclor-1268			10.26				10.14	10.38
Aroclor-1268 {2}			10.34				10.22	10.46
Aroclor-1268 {3}			10.59				10.47	10.71
Aroclor-1268 {4}			10.73				10.61	10.85
Aroclor-1268 {5}			11.81				11.69	11.93

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 04/17/2013

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R8905.D R8904.D R8903.D R8902.D R8901.D

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1262			246260			-	
Aroclor-1262 {2}			1165306				
Aroclor-1262 {3}			460057				
Aroclor-1262 {4}			482035				
Aroclor-1262 {5}			385857				
Aroclor-1268			1286259				
Aroclor-1268 {2}			1207455				
Aroclor-1268 {3}			1010486				
Aroclor-1268 {4}			249653				
Aroclor-1268 {5}			3159238				

GC Column (2nd): DB-1701P

Data File: R8905.C R8904.C R8903.C R8902.C R8901.C

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1262			658408			-	
Aroclor-1262 {2}			1403733				
Aroclor-1262 {3}			494503				
Aroclor-1262 {4}			957092				
Aroclor-1262 {5}			178872				
Aroclor-1268			1424262				
Aroclor-1268 {2}			1363218				
Aroclor-1268 {3}			1139890				
Aroclor-1268 {4}			293823				
Aroclor-1268 {5}			3530038				

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/08/2013

Instrument ID: GC-R

Data File: R9851.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.22	3.15	3.29	239203	241112	0.80
Aroclor-1016 {2}	4.05	3.98	4.12	319375	312332	2.21
Aroclor-1016 {3}	4.60	4.53	4.67	412042	395734	3.96
Aroclor-1016 {4}	5.11	5.04	5.18	188306	188295	0.01
Aroclor-1016 {5}	5.51	5.43	5.57	320668	303783	5.27
Aroclor-1260	8.30	7.39	9.19	856226	829361	3.14
Aroclor-1260 {2}	8.98	8.07	9.87	396070	394739	0.34
Aroclor-1260 {3}	9.45	8.55	10.35	943244	963503	2.15
Aroclor-1260 {4}	9.93	9.03	10.83	506728	513720	1.38
Aroclor-1260 {5}	11.00	10.09	11.89	205649	218584	6.29
Average %D						2.55

Data File: R9851.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.44	3.36	3.50	272103	285148	4.79
Aroclor-1016 {2}	4.01	3.93	4.07	539339	516434	4.25
Aroclor-1016 {3}	4.73	4.65	4.79	1214450	1187182	2.25
Aroclor-1016 {4}	4.93	4.85	4.99	490143	486313	0.78
Aroclor-1016 {5}	5.10	5.02	5.16	388431	379264	2.36
Aroclor-1260	7.42	6.52	8.32	453548	408166	10.01
Aroclor-1260 {2}	7.68	6.77	8.57	660597	587812	11.02
Aroclor-1260 {3}	9.26	8.35	10.15	553687	527881	4.66
Aroclor-1260 {4}	9.76	8.86	10.66	1147969	1128894	1.66
Aroclor-1260 {5}	10.35	9.45	11.25	817681	824275	0.81
Average %D						4.26

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/08/2013

Instrument ID: GC-R

Data File: R9860.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.22	3.15	3.29	239203	247538	3.48
Aroclor-1016 {2}	4.05	3.98	4.12	319375	324951	1.75
Aroclor-1016 {3}	4.60	4.53	4.67	412042	413786	0.42
Aroclor-1016 {4}	5.11	5.04	5.18	188306	194589	3.34
Aroclor-1016 {5}	5.51	5.43	5.57	320668	319422	0.39
Aroclor-1260	8.30	7.39	9.19	856226	898164	4.90
Aroclor-1260 {2}	8.97	8.07	9.87	396070	425044	7.32
Aroclor-1260 {3}	9.45	8.55	10.35	943244	1041791	10.45
Aroclor-1260 {4}	9.94	9.03	10.83	506728	553588	9.25
Aroclor-1260 {5}	11.00	10.09	11.89	205649	231184	12.42
Average %D						5.37

Data File: R9860.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.43	3.36	3.50	272103	288592	6.06
Aroclor-1016 {2}	3.99	3.93	4.07	539339	534572	0.88
Aroclor-1016 {3}	4.71	4.65	4.79	1214450	1238021	1.94
Aroclor-1016 {4}	4.92	4.85	4.99	490143	507104	3.46
Aroclor-1016 {5}	5.09	5.02	5.16	388431	394786	1.64
Aroclor-1260	7.41	6.52	8.32	453548	436584	3.74
Aroclor-1260 {2}	7.66	6.77	8.57	660597	631951	4.34
Aroclor-1260 {3}	9.25	8.35	10.15	553687	572510	3.40
Aroclor-1260 {4}	9.75	8.86	10.66	1147969	1228209	6.99
Aroclor-1260 {5}	10.34	9.45	11.25	817681	901353	10.23
Average %D						4.27

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/13/2013 Instrument ID: GC-Y
 GC Column (1st): DB-5

Data File: Y8257.D Y8256.D Y8255.D Y8254.D Y8253.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.30	3.30	3.30	3.30	3.30	3.30	3.23	3.37
Aroclor-1016 {2}	4.13	4.13	4.13	4.13	4.13	4.13	4.06	4.20
Aroclor-1016 {3}	4.68	4.68	4.68	4.68	4.68	4.68	4.61	4.75
Aroclor-1016 {4}	5.18	5.18	5.18	5.18	5.18	5.18	5.11	5.25
Aroclor-1016 {5}	5.58	5.58	5.58	5.58	5.58	5.58	5.51	5.65
Aroclor-1221			2.20				2.13	2.27
Aroclor-1221 {2}			3.09				3.02	3.16
Aroclor-1221 {3}			3.22				3.15	3.29
Aroclor-1221 {4}			3.29				3.22	3.36
Aroclor-1221 {5}			3.89				3.82	3.96
Aroclor-1232			3.30				3.23	3.37
Aroclor-1232 {2}			4.13				4.06	4.20
Aroclor-1232 {3}			4.79				4.72	4.86
Aroclor-1232 {4}			5.38				5.31	5.45
Aroclor-1232 {5}			5.58				5.51	5.65
Aroclor-1242			4.13				4.06	4.20
Aroclor-1242 {2}			5.06				4.99	5.13
Aroclor-1242 {3}			5.39				5.32	5.46
Aroclor-1242 {4}			6.08				6.01	6.15
Aroclor-1242 {5}			6.35				6.28	6.42
Aroclor-1248			4.53				4.45	4.61
Aroclor-1248 {2}			5.06				4.98	5.14
Aroclor-1248 {3}			5.39				5.31	5.47
Aroclor-1248 {4}			6.08				6.00	6.16
Aroclor-1248 {5}			6.35				6.27	6.43
Aroclor-1254			6.47				6.39	6.55
Aroclor-1254 {2}			6.91				6.83	6.99
Aroclor-1254 {3}			7.07				6.98	7.16
Aroclor-1254 {4}			7.51				7.42	7.60
Aroclor-1254 {5}			8.35				8.26	8.44
Aroclor-1260	8.35	8.35	8.35	8.35	8.35	8.35	7.45	9.25
Aroclor-1260 {2}	9.03	9.03	9.03	9.03	9.03	9.03	8.13	9.93
Aroclor-1260 {3}	9.50	9.50	9.50	9.50	9.50	9.50	8.60	10.40
Aroclor-1260 {4}	9.98	9.98	9.98	9.98	9.98	9.98	9.08	10.88
Aroclor-1260 {5}	11.03	11.04	11.04	11.04	11.04	11.04	10.14	11.94

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/13/2013

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y8257.D Y8256.D Y8255.D Y8254.D Y8253.D

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1016	150556	153009	126023	124296	118060	134389	12.04
Aroclor-1016 {2}	209394	210512	175986	174344	166341	187315	11.20
Aroclor-1016 {3}	269429	279610	230589	228749	218546	245385	11.10
Aroclor-1016 {4}	124791	128119	113258	108622	101783	115315	9.56
Aroclor-1016 {5}	211392	223176	194099	191146	181770	200317	8.32
Aroclor-1221			52724				
Aroclor-1221 {2}			74135				
Aroclor-1221 {3}			53967				
Aroclor-1221 {4}			178488				
Aroclor-1221 {5}			44530				
Aroclor-1232			118939				
Aroclor-1232 {2}			73775				
Aroclor-1232 {3}			66032				
Aroclor-1232 {4}			79125				
Aroclor-1232 {5}			93653				
Aroclor-1242			123550				
Aroclor-1242 {2}			89138				
Aroclor-1242 {3}			121146				
Aroclor-1242 {4}			162247				
Aroclor-1242 {5}			151219				
Aroclor-1248			268949				
Aroclor-1248 {2}			172233				
Aroclor-1248 {3}			217734				
Aroclor-1248 {4}			310927				
Aroclor-1248 {5}			257148				
Aroclor-1254			347891				
Aroclor-1254 {2}			224887				
Aroclor-1254 {3}			409289				
Aroclor-1254 {4}			418370				
Aroclor-1254 {5}			401905				
Aroclor-1260	713356	711108	598596	593191	567484	636747	10.98
Aroclor-1260 {2}	351258	360131	300724	293775	278803	316938	11.48
Aroclor-1260 {3}	787552	799577	694632	692278	661467	727101	8.56
Aroclor-1260 {4}	418114	437838	381407	376651	359065	394615	8.19
Aroclor-1260 {5}	188602	198854	172280	167627	157462	176965	9.39
Average %RSD						10.08	

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/13/2013 Instrument ID: GC-Y
 GC Column (2nd): DB-1701P

Data File: Y8257.C Y8256.C Y8255.C Y8254.C Y8253.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.79	3.78	3.78	3.78	3.79	3.78	3.71	3.85
Aroclor-1016 {2}	4.38	4.38	4.38	4.38	4.38	4.38	4.31	4.45
Aroclor-1016 {3}	5.13	5.13	5.13	5.13	5.13	5.13	5.06	5.20
Aroclor-1016 {4}	5.34	5.34	5.34	5.34	5.34	5.34	5.27	5.41
Aroclor-1016 {5}	5.51	5.51	5.51	5.51	5.51	5.51	5.44	5.58
Aroclor-1221			2.47				2.40	2.54
Aroclor-1221 {2}			3.46				3.39	3.53
Aroclor-1221 {3}			3.70				3.63	3.77
Aroclor-1221 {4}			3.79				3.72	3.86
Aroclor-1221 {5}			5.13				5.06	5.20
Aroclor-1232			3.78				3.71	3.85
Aroclor-1232 {2}			4.76				4.69	4.83
Aroclor-1232 {3}			5.34				5.27	5.41
Aroclor-1232 {4}			5.51				5.44	5.58
Aroclor-1232 {5}			6.11				6.04	6.18
Aroclor-1242			4.76				4.69	4.83
Aroclor-1242 {2}			5.51				5.44	5.58
Aroclor-1242 {3}			6.11				6.04	6.18
Aroclor-1242 {4}			6.26				6.19	6.33
Aroclor-1242 {5}			6.80				6.73	6.87
Aroclor-1248			5.13				5.05	5.21
Aroclor-1248 {2}			5.71				5.63	5.79
Aroclor-1248 {3}			6.11				6.03	6.19
Aroclor-1248 {4}			6.26				6.18	6.34
Aroclor-1248 {5}			6.61				6.53	6.69
Aroclor-1254			7.10				7.02	7.18
Aroclor-1254 {2}			7.69				7.61	7.77
Aroclor-1254 {3}			8.30				8.21	8.39
Aroclor-1254 {4}			8.53				8.44	8.62
Aroclor-1254 {5}			9.12				9.03	9.21
Aroclor-1260	7.87	7.87	7.87	7.87	7.87	7.87	6.97	8.77
Aroclor-1260 {2}	8.13	8.13	8.13	8.13	8.13	8.13	7.23	9.03
Aroclor-1260 {3}	9.72	9.72	9.72	9.72	9.72	9.72	8.82	10.62
Aroclor-1260 {4}	10.22	10.22	10.22	10.22	10.22	10.22	9.32	11.12
Aroclor-1260 {5}	10.81	10.81	10.81	10.81	10.81	10.81	9.91	11.71

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed:

05/13/2013

Instrument ID:

GC-Y

GC Column (2nd):

DB-1701P

Data File:

Y8257.C

Y8256.C

Y8255.C

Y8254.C

Y8253.C

Compound	CALIBRATION FACTORS						%RSD
	10	50	500	1000	2000	MEAN	
Aroclor-1016	232213	241286	214883	209505	196357	218849	8.21
Aroclor-1016 {2}	575846	511487	421144	460095	451784	484071	12.55
Aroclor-1016 {3}	1178188	1193234	1074558	1085584	1038141	1113941	6.11
Aroclor-1016 {4}	504238	515756	468074	470667	452507	482248	5.51
Aroclor-1016 {5}	377238	400044	362688	367628	355012	372522	4.66
Aroclor-1221			95945				
Aroclor-1221 {2}			136115				
Aroclor-1221 {3}			92995				
Aroclor-1221 {4}			339274				
Aroclor-1221 {5}			66161				
Aroclor-1232			203002				
Aroclor-1232 {2}			81217				
Aroclor-1232 {3}			188308				
Aroclor-1232 {4}			145215				
Aroclor-1232 {5}			210986				
Aroclor-1242			138759				
Aroclor-1242 {2}			248589				
Aroclor-1242 {3}			337832				
Aroclor-1242 {4}			285575				
Aroclor-1242 {5}			566724				
Aroclor-1248			510285				
Aroclor-1248 {2}			775908				
Aroclor-1248 {3}			568652				
Aroclor-1248 {4}			490150				
Aroclor-1248 {5}			289009				
Aroclor-1254			717015				
Aroclor-1254 {2}			563118				
Aroclor-1254 {3}			585611				
Aroclor-1254 {4}			330766				
Aroclor-1254 {5}			799869				
Aroclor-1260	500059	524538	456528	450867	430820	472562	8.15
Aroclor-1260 {2}	766079	774098	659830	647313	615548	692574	10.49
Aroclor-1260 {3}	768675	715669	629467	622517	594161	666098	10.98
Aroclor-1260 {4}	1404078	1461059	1321406	1320928	1257120	1352918	5.90
Aroclor-1260 {5}	1138279	1101754	978402	974703	923792	1023386	8.96
Average %RSD						8.15	

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/13/2013

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y8257.D Y8256.D Y8255.D Y8254.D Y8253.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			8.64				8.52	8.76
Aroclor-1262 {2}			9.50				9.38	9.62
Aroclor-1262 {3}			10.13				10.01	10.25
Aroclor-1262 {4}			10.22				10.10	10.34
Aroclor-1262 {5}			11.04				10.92	11.16
Aroclor-1268			10.13				10.01	10.25
Aroclor-1268 {2}			10.21				10.09	10.33
Aroclor-1268 {3}			10.68				10.56	10.80
Aroclor-1268 {4}			11.64				11.52	11.76
Aroclor-1268 {5}			12.13				12.01	12.25

GC Column (2nd): DB-1701P

Data File: Y8257.C Y8256.C Y8255.C Y8254.C Y8253.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			9.71				9.59	9.83
Aroclor-1262 {2}			10.22				10.10	10.34
Aroclor-1262 {3}			10.72				10.60	10.84
Aroclor-1262 {4}			10.80				10.68	10.92
Aroclor-1262 {5}			11.40				11.28	11.52
Aroclor-1268			10.72				10.60	10.84
Aroclor-1268 {2}			10.80				10.68	10.92
Aroclor-1268 {3}			11.05				10.93	11.17
Aroclor-1268 {4}			12.27				12.15	12.39
Aroclor-1268 {5}			12.49				12.37	12.61

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/13/2013 Instrument ID: GC-Y
 GC Column (1st): DB-5

Data File: Y8257.D Y8256.D Y8255.D Y8254.D Y8253.D

Compound	CALIBRATION FACTORS						MEAN	%RSD
	10	50	500	1000	2000			
Aroclor-1262			434352					
Aroclor-1262 {2}			776163					
Aroclor-1262 {3}			339911					
Aroclor-1262 {4}			343470					
Aroclor-1262 {5}			287007					
Aroclor-1268			923877					
Aroclor-1268 {2}			837640					
Aroclor-1268 {3}			733851					
Aroclor-1268 {4}			2123650					
Aroclor-1268 {5}			1316880					

GC Column (2nd): DB-1701P

Data File: Y8257.C Y8256.C Y8255.C Y8254.C Y8253.C

Compound	CALIBRATION FACTORS						MEAN	%RSD
	10	50	500	1000	2000			
Aroclor-1262			758253					
Aroclor-1262 {2}			1615305					
Aroclor-1262 {3}			588401					
Aroclor-1262 {4}			1132930					
Aroclor-1262 {5}			222335					
Aroclor-1268			1722027					
Aroclor-1268 {2}			1663814					
Aroclor-1268 {3}			1402692					
Aroclor-1268 {4}			4260358					
Aroclor-1268 {5}			2537221					

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/14/2013

Instrument ID: GC-Y

Data File: Y8277.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.30	3.23	3.37	134389	130625	2.80
Aroclor-1016 {2}	4.13	4.06	4.20	187315	182659	2.49
Aroclor-1016 {3}	4.68	4.61	4.75	245385	238774	2.69
Aroclor-1016 {4}	5.18	5.11	5.25	115315	116679	1.18
Aroclor-1016 {5}	5.58	5.51	5.65	200317	200397	0.04
Aroclor-1260	8.35	7.45	9.25	636747	609702	4.25
Aroclor-1260 {2}	9.03	8.13	9.93	316938	305939	3.47
Aroclor-1260 {3}	9.50	8.60	10.40	727101	702285	3.41
Aroclor-1260 {4}	9.98	9.08	10.88	394615	389474	1.30
Aroclor-1260 {5}	11.04	10.14	11.94	176965	176401	0.32
Average %D						2.20

Data File: Y8277.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	218849	217823	0.47
Aroclor-1016 {2}	4.38	4.31	4.45	484071	463237	4.30
Aroclor-1016 {3}	5.13	5.06	5.20	1113941	1065410	4.36
Aroclor-1016 {4}	5.34	5.27	5.41	482248	464438	3.69
Aroclor-1016 {5}	5.51	5.44	5.58	372522	359576	3.48
Aroclor-1260	7.87	6.97	8.77	472562	451824	4.39
Aroclor-1260 {2}	8.12	7.23	9.03	692574	651336	5.95
Aroclor-1260 {3}	9.71	8.82	10.62	666098	620668	6.82
Aroclor-1260 {4}	10.22	9.32	11.12	1352918	1309047	3.24
Aroclor-1260 {5}	10.81	9.91	11.71	1023386	971038	5.12
Average %D						4.18

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/14/2013 Instrument ID: GC-Y

Data File: Y8287.D GC Column (1st): DB-5

Compound	RT	RT WINDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.30	3.23	3.37	134389	135328	0.70
Aroclor-1016 {2}	4.13	4.06	4.20	187315	188851	0.82
Aroclor-1016 {3}	4.68	4.61	4.75	245385	247876	1.02
Aroclor-1016 {4}	5.18	5.11	5.25	115315	121008	4.94
Aroclor-1016 {5}	5.58	5.51	5.65	200317	208317	3.99
Aroclor-1260	8.35	7.45	9.25	636747	642116	0.84
Aroclor-1260 {2}	9.03	8.13	9.93	316938	322200	1.66
Aroclor-1260 {3}	9.50	8.60	10.40	727101	745737	2.56
Aroclor-1260 {4}	9.98	9.08	10.88	394615	413072	4.68
Aroclor-1260 {5}	11.04	10.14	11.94	176965	186422	5.34
Average %D						2.66

Data File: Y8287.C GC Column (2nd): DB-1701P

Compound	RT	RT WINDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	218849	220482	0.75
Aroclor-1016 {2}	4.38	4.31	4.45	484071	432337	10.69
Aroclor-1016 {3}	5.13	5.06	5.20	1113941	1105438	0.76
Aroclor-1016 {4}	5.34	5.27	5.41	482248	481623	0.13
Aroclor-1016 {5}	5.51	5.44	5.58	372522	373298	0.21
Aroclor-1260	7.87	6.97	8.77	472562	471067	0.32
Aroclor-1260 {2}	8.12	7.23	9.03	692574	676853	2.27
Aroclor-1260 {3}	9.71	8.82	10.62	666098	634062	4.81
Aroclor-1260 {4}	10.22	9.32	11.12	1352918	1337502	1.14
Aroclor-1260 {5}	10.81	9.91	11.71	1023386	979122	4.33
Average %D						2.54

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/14/2013 Instrument ID: GC-Y

Data File: Y8302.D GC Column (1st): DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.30	3.23	3.37	134389	128504	4.38
Aroclor-1016 {2}	4.13	4.06	4.20	187315	180424	3.68
Aroclor-1016 {3}	4.67	4.61	4.75	245385	236837	3.48
Aroclor-1016 {4}	5.18	5.11	5.25	115315	115895	0.50
Aroclor-1016 {5}	5.58	5.51	5.65	200317	199450	0.43
Aroclor-1260	8.35	7.45	9.25	636747	602676	5.35
Aroclor-1260 {2}	9.03	8.13	9.93	316938	296888	6.33
Aroclor-1260 {3}	9.50	8.60	10.40	727101	685363	5.74
Aroclor-1260 {4}	9.98	9.08	10.88	394615	372511	5.60
Aroclor-1260 {5}	11.04	10.14	11.94	176965	164676	6.94
Average %D						4.24

Data File: Y8302.C GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.71	3.85	218849	235084	7.42
Aroclor-1016 {2}	4.39	4.31	4.45	484071	467195	3.49
Aroclor-1016 {3}	5.13	5.06	5.20	1113941	1073244	3.65
Aroclor-1016 {4}	5.34	5.27	5.41	482248	465380	3.50
Aroclor-1016 {5}	5.52	5.44	5.58	372522	361248	3.03
Aroclor-1260	7.87	6.97	8.77	472562	443040	6.25
Aroclor-1260 {2}	8.13	7.23	9.03	692574	633710	8.50
Aroclor-1260 {3}	9.72	8.82	10.62	666098	574454	13.76
Aroclor-1260 {4}	10.22	9.32	11.12	1352918	1197396	11.50
Aroclor-1260 {5}	10.81	9.91	11.71	1023386	859392	16.02
Average %D						7.71

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/14/2013

Instrument ID: GC-Y

Data File: Y8304.D

GC Column (1st): DB-5

Compound	RT	RT WINDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.30	3.23	3.37	134389	119446	11.12
Aroclor-1016 {2}	4.13	4.06	4.20	187315	167052	10.82
Aroclor-1016 {3}	4.68	4.61	4.75	245385	220391	10.19
Aroclor-1016 {4}	5.18	5.11	5.25	115315	108318	6.07
Aroclor-1016 {5}	5.58	5.51	5.65	200317	186031	7.13
Aroclor-1260	8.35	7.45	9.25	636747	571560	10.24
Aroclor-1260 {2}	9.03	8.13	9.93	316938	284114	10.36
Aroclor-1260 {3}	9.50	8.60	10.40	727101	656987	9.64
Aroclor-1260 {4}	9.98	9.08	10.88	394615	361155	8.48
Aroclor-1260 {5}	11.04	10.14	11.94	176965	161702	8.62
Average %D						9.27

Data File: Y8304.C

GC Column (2nd): DB-1701P

Compound	RT	RT WINDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	218849	198239	9.42
Aroclor-1016 {2}	4.38	4.31	4.45	484071	428212	11.54
Aroclor-1016 {3}	5.13	5.06	5.20	1113941	988514	11.26
Aroclor-1016 {4}	5.34	5.27	5.41	482248	429884	10.86
Aroclor-1016 {5}	5.51	5.44	5.58	372522	333920	10.36
Aroclor-1260	7.87	6.97	8.77	472562	417363	11.68
Aroclor-1260 {2}	8.12	7.23	9.03	692574	599026	13.51
Aroclor-1260 {3}	9.71	8.82	10.62	666098	553959	16.84
Aroclor-1260 {4}	10.22	9.32	11.12	1352918	1180677	12.73
Aroclor-1260 {5}	10.81	9.91	11.71	1023386	866507	15.33
Average %D						12.35

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/14/2013

Instrument ID: GC-Y

Data File: Y8329.D

GC Column (1st): DB-5

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.30	3.23	3.37	134389	109739	18.34
Aroclor-1016 {2}	4.13	4.06	4.20	187315	151024	19.37
Aroclor-1016 {3}	4.68	4.61	4.75	245385	202188	17.60
Aroclor-1016 {4}	5.19	5.11	5.25	115315	95968	16.78
Aroclor-1016 {5}	5.58	5.51	5.65	200317	164809	17.73
Aroclor-1260	8.35	7.45	9.25	636747	517179	18.78
Aroclor-1260 {2}	9.03	8.13	9.93	316938	262238	17.26
Aroclor-1260 {3}	9.50	8.60	10.40	727101	617972	15.01
Aroclor-1260 {4}	9.98	9.08	10.88	394615	337283	14.53
Aroclor-1260 {5}	11.04	10.14	11.94	176965	144899	18.12
Average %D						17.35

Data File: Y8329.C

GC Column (2nd): DB-1701P

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.78	3.71	3.85	218849	214477	2.00
Aroclor-1016 {2}	4.38	4.31	4.45	484071	491813	1.60
Aroclor-1016 {3}	5.13	5.06	5.20	1113941	1120117	0.55
Aroclor-1016 {4}	5.33	5.27	5.41	482248	482316	0.01
Aroclor-1016 {5}	5.51	5.44	5.58	372522	375239	0.73
Aroclor-1260	7.87	6.97	8.77	472562	505193	6.91
Aroclor-1260 {2}	8.12	7.23	9.03	692574	797564	15.16
Aroclor-1260 {3}	9.71	8.82	10.62	666098	757149	13.67
Aroclor-1260 {4}	10.22	9.32	11.12	1352918	1410619	4.26
Aroclor-1260 {5}	10.80	9.91	11.71	1023386	1184638	15.76
Average %D						6.07

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/14/2013

Instrument ID: GC-Y

Data File: Y8330.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.30	3.23	3.37	134389	112344	16.40
Aroclor-1016 {2}	4.13	4.06	4.20	187315	157487	15.92
Aroclor-1016 {3}	4.68	4.61	4.75	245385	205416	16.29
Aroclor-1016 {4}	5.18	5.11	5.25	115315	100465	12.88
Aroclor-1016 {5}	5.58	5.51	5.65	200317	173053	13.61
Aroclor-1260	8.35	7.45	9.25	636747	529241	16.88
Aroclor-1260 {2}	9.03	8.13	9.93	316938	264883	16.42
Aroclor-1260 {3}	9.50	8.60	10.40	727101	615091	15.41
Aroclor-1260 {4}	9.98	9.08	10.88	394615	343606	12.93
Aroclor-1260 {5}	11.04	10.14	11.94	176965	196906	11.27
Average %D						14.80

Data File: Y8330.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	218849	224618	2.64
Aroclor-1016 {2}	4.38	4.31	4.45	484071	502017	3.71
Aroclor-1016 {3}	5.13	5.06	5.20	1113941	1155502	3.73
Aroclor-1016 {4}	5.33	5.27	5.41	482248	500440	3.77
Aroclor-1016 {5}	5.51	5.44	5.58	372522	388187	4.21
Aroclor-1260	7.87	6.97	8.77	472562	487687	3.20
Aroclor-1260 {2}	8.12	7.23	9.03	692574	713032	2.95
Aroclor-1260 {3}	9.71	8.82	10.62	666098	663260	0.43
Aroclor-1260 {4}	10.21	9.32	11.12	1352918	1471382	8.76
Aroclor-1260 {5}	10.80	9.91	11.71	1023386	1038696	1.50
Average %D						3.49

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/15/2013

Instrument ID:

GC-Y

Data File: Y8349.D

GC Column (1st):

DB-5

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.30	3.23	3.37	134389	120910	10.03
Aroclor-1016 {2}	4.13	4.06	4.20	187315	170399	9.03
Aroclor-1016 {3}	4.68	4.61	4.75	245385	220594	10.10
Aroclor-1016 {4}	5.19	5.11	5.25	115315	108909	5.56
Aroclor-1016 {5}	5.58	5.51	5.65	200317	187371	6.46
Aroclor-1260	8.35	7.45	9.25	636747	569906	10.50
Aroclor-1260 {2}	9.03	8.13	9.93	316938	284967	10.09
Aroclor-1260 {3}	9.50	8.60	10.40	727101	662083	8.94
Aroclor-1260 {4}	9.98	9.08	10.88	394615	362235	8.21
Aroclor-1260 {5}	11.04	10.14	11.94	176965	165841	6.29
Average %D						8.52

Data File: Y8349.C

GC Column (2nd):

DB-1701P

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.78	3.71	3.85	218849	245811	12.32
Aroclor-1016 {2}	4.38	4.31	4.45	484071	543159	12.21
Aroclor-1016 {3}	5.13	5.06	5.20	1113941	1262942	13.38
Aroclor-1016 {4}	5.33	5.27	5.41	482248	546930	13.41
Aroclor-1016 {5}	5.51	5.44	5.58	372522	422492	13.41
Aroclor-1260	7.87	6.97	8.77	472562	530045	12.16
Aroclor-1260 {2}	8.12	7.23	9.03	692574	758951	9.58
Aroclor-1260 {3}	9.71	8.82	10.62	666098	707006	6.14
Aroclor-1260 {4}	10.21	9.32	11.12	1352918	1469799	8.64
Aroclor-1260 {5}	10.80	9.91	11.71	1023386	1106634	8.13
Average %D						10.94

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/15/2013

Instrument ID: GC-Y

Data File: Y8376.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.30	3.23	3.37	134389	120392	10.42
Aroclor-1016 {2}	4.13	4.06	4.20	187315	167302	10.68
Aroclor-1016 {3}	4.68	4.61	4.75	245385	219349	10.61
Aroclor-1016 {4}	5.19	5.11	5.25	115315	107042	7.17
Aroclor-1016 {5}	5.58	5.51	5.65	200317	183947	8.17
Aroclor-1260	8.35	7.45	9.25	636747	523000	17.86
Aroclor-1260 {2}	9.03	8.13	9.93	316938	254411	19.73
Aroclor-1260 {3}	9.50	8.60	10.40	727101	583604	19.74
Aroclor-1260 {4}	9.98	9.08	10.88	394615	317500	19.54
Aroclor-1260 {5}	11.04	10.14	11.94	176965	151928	14.15
Average %D						13.81

Data File: Y8376.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.79	3.71	3.85	218849	259158	18.42
Aroclor-1016 {2}	4.38	4.31	4.45	484071	545428	12.68
Aroclor-1016 {3}	5.13	5.06	5.20	1113941	1265229	13.58
Aroclor-1016 {4}	5.34	5.27	5.41	482248	547512	13.53
Aroclor-1016 {5}	5.51	5.44	5.58	372522	421315	13.10
Aroclor-1260	7.87	6.97	8.77	472562	471855	0.15
Aroclor-1260 {2}	8.12	7.23	9.03	692574	671371	3.06
Aroclor-1260 {3}	9.71	8.82	10.62	666098	601963	9.63
Aroclor-1260 {4}	10.22	9.32	11.12	1352918	1278337	5.51
Aroclor-1260 {5}	10.81	9.91	11.71	1023386	965444	5.66
Average %D						9.53

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/15/2013 Instrument ID: GC-Y

Data File: Y8379.D GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.30	3.23	3.37	134389	126712	5.71
Aroclor-1016 {2}	4.13	4.06	4.20	187315	177206	5.40
Aroclor-1016 {3}	4.68	4.61	4.75	245385	232300	5.33
Aroclor-1016 {4}	5.18	5.11	5.25	115315	113948	1.19
Aroclor-1016 {5}	5.58	5.51	5.65	200317	195277	2.52
Aroclor-1260	8.35	7.45	9.25	636747	576746	9.42
Aroclor-1260 {2}	9.03	8.13	9.93	316938	281519	11.18
Aroclor-1260 {3}	9.50	8.60	10.40	727101	650114	10.59
Aroclor-1260 {4}	9.98	9.08	10.88	394615	353675	10.37
Aroclor-1260 {5}	11.04	10.14	11.94	176965	154465	12.71
Average %D						7.44

Data File: Y8379.C GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.78	3.71	3.85	218849	259804	18.71
Aroclor-1016 {2}	4.38	4.31	4.45	484071	572463	18.26
Aroclor-1016 {3}	5.12	5.06	5.20	1113941	1331703	19.55
Aroclor-1016 {4}	5.33	5.27	5.41	482248	573469	18.92
Aroclor-1016 {5}	5.51	5.44	5.58	372522	446060	19.74
Aroclor-1260	7.87	6.97	8.77	472562	524911	11.08
Aroclor-1260 {2}	8.12	7.23	9.03	692574	748187	8.03
Aroclor-1260 {3}	9.71	8.82	10.62	666098	681815	2.36
Aroclor-1260 {4}	10.21	9.32	11.12	1352918	1425555	5.37
Aroclor-1260 {5}	10.80	9.91	11.71	1023386	1069285	4.49
Average %D						12.65

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/16/2013

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R0274.D R0273.D R0272.D R0271.D R0270.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.21	3.21	3.21	3.21	3.21	3.21	3.14	3.28
Aroclor-1016 {2}	4.04	4.04	4.04	4.04	4.04	4.04	3.97	4.11
Aroclor-1016 {3}	4.60	4.60	4.60	4.60	4.59	4.60	4.53	4.67
Aroclor-1016 {4}	5.11	5.10	5.10	5.10	5.10	5.10	5.03	5.17
Aroclor-1016 {5}	5.50	5.50	5.50	5.50	5.50	5.50	5.43	5.57
Aroclor-1221			2.12				2.05	2.19
Aroclor-1221 {2}			3.01				2.94	3.08
Aroclor-1221 {3}			3.14				3.07	3.21
Aroclor-1221 {4}			3.21				3.14	3.28
Aroclor-1221 {5}			3.81				3.74	3.88
Aroclor-1232			3.21				3.14	3.28
Aroclor-1232 {2}			4.04				3.97	4.11
Aroclor-1232 {3}			4.71				4.64	4.78
Aroclor-1232 {4}			5.31				5.24	5.38
Aroclor-1232 {5}			5.50				5.43	5.57
Aroclor-1242			4.04				3.97	4.11
Aroclor-1242 {2}			4.98				4.91	5.05
Aroclor-1242 {3}			5.31				5.24	5.38
Aroclor-1242 {4}			6.00				5.93	6.07
Aroclor-1242 {5}			6.27				6.20	6.34
Aroclor-1248			4.44				4.36	4.52
Aroclor-1248 {2}			4.98				4.90	5.06
Aroclor-1248 {3}			5.31				5.23	5.39
Aroclor-1248 {4}			6.00				5.92	6.08
Aroclor-1248 {5}			6.28				6.20	6.36
Aroclor-1254			6.40				6.32	6.48
Aroclor-1254 {2}			6.84				6.76	6.92
Aroclor-1254 {3}			7.00				6.91	7.09
Aroclor-1254 {4}			7.44				7.35	7.53
Aroclor-1254 {5}			8.29				8.20	8.38
Aroclor-1260	8.29	8.29	8.29	8.29	8.29	8.29	7.39	9.19
Aroclor-1260 {2}	8.97	8.97	8.97	8.97	8.97	8.97	8.07	9.87
Aroclor-1260 {3}	9.45	9.44	9.44	9.44	9.44	9.45	8.55	10.35
Aroclor-1260 {4}	9.93	9.93	9.93	9.93	9.93	9.93	9.03	10.83
Aroclor-1260 {5}	11.00	10.99	11.00	11.00	10.99	11.00	10.10	11.90

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/16/2013

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R0274.D R0273.D R0272.D R0271.D R0270.D

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1016	254795	265561	229561	201526	207515	231792	12.16
Aroclor-1016 {2}	350136	360367	319592	281098	291785	320595	10.86
Aroclor-1016 {3}	439007	470364	411461	364740	379099	412934	10.45
Aroclor-1016 {4}	202202	210977	182855	159505	164959	184100	12.22
Aroclor-1016 {5}	342662	362826	330377	292711	307435	327202	8.51
Aroclor-1221			101313				
Aroclor-1221 {2}			152254				
Aroclor-1221 {3}			104499				
Aroclor-1221 {4}			360013				
Aroclor-1221 {5}			78076				
Aroclor-1232			228632				
Aroclor-1232 {2}			134977				
Aroclor-1232 {3}			118376				
Aroclor-1232 {4}			136681				
Aroclor-1232 {5}			164758				
Aroclor-1242			243201				
Aroclor-1242 {2}			158514				
Aroclor-1242 {3}			225738				
Aroclor-1242 {4}			307493				
Aroclor-1242 {5}			289103				
Aroclor-1248			514044				
Aroclor-1248 {2}			302847				
Aroclor-1248 {3}			398451				
Aroclor-1248 {4}			591440				
Aroclor-1248 {5}			499600				
Aroclor-1254			694587				
Aroclor-1254 {2}			456818				
Aroclor-1254 {3}			830995				
Aroclor-1254 {4}			903179				
Aroclor-1254 {5}			810834				
Aroclor-1260	870957	1037278	922951	832800	864759	905749	8.87
Aroclor-1260 {2}	452437	507075	450581	399044	423102	446448	9.04
Aroclor-1260 {3}	1017129	1205191	1102619	992554	1041218	1071742	7.94
Aroclor-1260 {4}	523908	645700	581033	528222	556241	567021	8.76
Aroclor-1260 {5}	242289	264456	239328	228590	229863	240905	5.99
Average %RSD							9.48

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/16/2013

Instrument ID: GC-R
GC Column (2nd): DB-1701P

Data File: R0274.C R0273.C R0272.C R0271.C R0270.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.43	3.42	3.42	3.42	3.42	3.42	3.35	3.49
Aroclor-1016 {2}	3.99	3.98	3.98	3.98	3.98	3.99	3.92	4.06
Aroclor-1016 {3}	4.72	4.70	4.70	4.70	4.70	4.71	4.64	4.78
Aroclor-1016 {4}	4.92	4.91	4.91	4.91	4.91	4.91	4.84	4.98
Aroclor-1016 {5}	5.09	5.07	5.07	5.07	5.08	5.08	5.01	5.15
Aroclor-1221			2.20				2.13	2.27
Aroclor-1221 {2}			3.12				3.05	3.19
Aroclor-1221 {3}			3.34				3.27	3.41
Aroclor-1221 {4}			3.43				3.36	3.50
Aroclor-1221 {5}			4.72				4.65	4.79
Aroclor-1232			3.42				3.35	3.49
Aroclor-1232 {2}			4.35				4.28	4.42
Aroclor-1232 {3}			4.91				4.84	4.98
Aroclor-1232 {4}			5.07				5.00	5.14
Aroclor-1232 {5}			5.66				5.59	5.73
Aroclor-1242			4.35				4.28	4.42
Aroclor-1242 {2}			5.07				5.00	5.14
Aroclor-1242 {3}			5.66				5.59	5.73
Aroclor-1242 {4}			5.81				5.74	5.88
Aroclor-1242 {5}			6.34				6.27	6.41
Aroclor-1248			4.71				4.63	4.79
Aroclor-1248 {2}			5.27				5.19	5.35
Aroclor-1248 {3}			5.67				5.59	5.75
Aroclor-1248 {4}			5.82				5.74	5.90
Aroclor-1248 {5}			6.16				6.08	6.24
Aroclor-1254			6.64				6.56	6.72
Aroclor-1254 {2}			7.22				7.14	7.30
Aroclor-1254 {3}			7.65				7.56	7.74
Aroclor-1254 {4}			7.83				7.74	7.92
Aroclor-1254 {5}			8.64				8.55	8.73
Aroclor-1260	7.41	7.40	7.40	7.40	7.40	7.40	6.50	8.30
Aroclor-1260 {2}	7.66	7.65	7.65	7.65	7.65	7.65	6.75	8.55
Aroclor-1260 {3}	9.24	9.24	9.24	9.24	9.24	9.24	8.34	10.14
Aroclor-1260 {4}	9.75	9.74	9.74	9.74	9.74	9.74	8.84	10.64
Aroclor-1260 {5}	10.34	10.33	10.33	10.33	10.33	10.33	9.43	11.23

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/16/2013

Instrument ID: GC-R
GC Column (2nd): DB-1701P

Data File: R0274.C R0273.C R0272.C R0271.C R0270.C

Compound	CALIBRATION FACTORS						%RSD
	10	50	500	1000	2000	MEAN	
Aroclor-1016	312455	347919	266295	230772	235844	278657	18.14
Aroclor-1016 {2}	653837	681339	546378	473058	486260	568174	16.78
Aroclor-1016 {3}	1417478	1428709	1228354	1089758	1123177	1257495	12.69
Aroclor-1016 {4}	572713	660064	518814	453214	465880	534137	15.88
Aroclor-1016 {5}	451709	498568	398248	348855	365867	412649	15.02
Aroclor-1221			124457				
Aroclor-1221 {2}			186956				
Aroclor-1221 {3}			118507				
Aroclor-1221 {4}			419275				
Aroclor-1221 {5}			82829				
Aroclor-1232			265739				
Aroclor-1232 {2}			102191				
Aroclor-1232 {3}			225360				
Aroclor-1232 {4}			171246				
Aroclor-1232 {5}			246141				
Aroclor-1242			176615				
Aroclor-1242 {2}			302455				
Aroclor-1242 {3}			410015				
Aroclor-1242 {4}			341845				
Aroclor-1242 {5}			664540				
Aroclor-1248			610520				
Aroclor-1248 {2}			914016				
Aroclor-1248 {3}			664360				
Aroclor-1248 {4}			565958				
Aroclor-1248 {5}			326411				
Aroclor-1254			886324				
Aroclor-1254 {2}			681746				
Aroclor-1254 {3}			459643				
Aroclor-1254 {4}			697243				
Aroclor-1254 {5}			992070				
Aroclor-1260	495288	581441	475864	418169	434276	481008	13.33
Aroclor-1260 {2}	869644	843374	698121	611305	632086	730906	16.34
Aroclor-1260 {3}	639317	661501	628349	550525	588382	613615	7.19
Aroclor-1260 {4}	1034343	1357543	1183587	1068948	1126614	1154207	11.01
Aroclor-1260 {5}	1024273	1017825	975596	874362	916096	961630	6.77
Average %RSD						13.32	

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/16/2013

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R0274.D R0273.D R0272.D R0271.D R0270.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			8.67				8.55	8.79
Aroclor-1262 {2}			9.44				9.32	9.56
Aroclor-1262 {3}			10.08				9.96	10.20
Aroclor-1262 {4}			10.17				10.05	10.29
Aroclor-1262 {5}			11.00				10.88	11.12
Aroclor-1268			10.08				9.96	10.20
Aroclor-1268 {2}			10.17				10.05	10.29
Aroclor-1268 {3}			10.64				10.52	10.76
Aroclor-1268 {4}			10.77				10.65	10.89
Aroclor-1268 {5}			11.60				11.48	11.72

GC Column (2nd): DB-1701P

Data File: R0274.C R0273.C R0272.C R0271.C R0270.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			9.23				9.11	9.35
Aroclor-1262 {2}			9.74				9.62	9.86
Aroclor-1262 {3}			10.24				10.12	10.36
Aroclor-1262 {4}			10.32				10.20	10.44
Aroclor-1262 {5}			10.92				10.80	11.04
Aroclor-1268			10.24				10.12	10.36
Aroclor-1268 {2}			10.32				10.20	10.44
Aroclor-1268 {3}			10.57				10.45	10.69
Aroclor-1268 {4}			10.71				10.59	10.83
Aroclor-1268 {5}			11.79				11.67	11.91

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/16/2013 Instrument ID: GC-R
 GC Column (1st): DB-5

Data File: R0274.D R0273.D R0272.D R0271.D R0270.D

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1262			345124				
Aroclor-1262 {2}			1586531				
Aroclor-1262 {3}			618789				
Aroclor-1262 {4}			673042				
Aroclor-1262 {5}			519600				
Aroclor-1268			1703686				
Aroclor-1268 {2}			1693134				
Aroclor-1268 {3}			1401269				
Aroclor-1268 {4}			354676				
Aroclor-1268 {5}			4505210				

GC Column (2nd): DB-1701P

Data File: R0274.C R0273.C R0272.C R0271.C R0270.C

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1262			855221				
Aroclor-1262 {2}			1856984				
Aroclor-1262 {3}			652621				
Aroclor-1262 {4}			1346414				
Aroclor-1262 {5}			259027				
Aroclor-1268			1903368				
Aroclor-1268 {2}			1954847				
Aroclor-1268 {3}			1612113				
Aroclor-1268 {4}			425868				
Aroclor-1268 {5}			5175818				

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/17/2013

Instrument ID: GC-R

Data File: R0349.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.22	3.14	3.28	231792	205739	11.24
Aroclor-1016 {2}	4.05	3.97	4.11	320595	283498	11.57
Aroclor-1016 {3}	4.60	4.53	4.67	412934	366818	11.17
Aroclor-1016 {4}	5.11	5.03	5.17	184100	165241	10.24
Aroclor-1016 {5}	5.50	5.43	5.57	327202	293395	10.33
Aroclor-1260	8.29	7.39	9.19	905749	878555	3.00
Aroclor-1260 {2}	8.97	8.07	9.87	446448	416317	6.75
Aroclor-1260 {3}	9.45	8.55	10.35	1071742	1008339	5.92
Aroclor-1260 {4}	9.93	9.03	10.83	567021	532808	6.03
Aroclor-1260 {5}	10.99	10.10	11.90	240905	219211	9.01
Average %D						8.53

Data File: R0349.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.41	3.35	3.49	278657	242176	13.09
Aroclor-1016 {2}	3.98	3.92	4.06	568174	490673	13.64
Aroclor-1016 {3}	4.70	4.64	4.78	1257495	1108569	11.84
Aroclor-1016 {4}	4.90	4.84	4.98	534137	470833	11.85
Aroclor-1016 {5}	5.07	5.01	5.15	412649	359949	12.77
Aroclor-1260	7.40	6.50	8.30	481008	430412	10.52
Aroclor-1260 {2}	7.65	6.75	8.55	730906	632325	13.49
Aroclor-1260 {3}	9.23	8.34	10.14	613615	573368	6.56
Aroclor-1260 {4}	9.74	8.84	10.64	1154207	1248380	8.16
Aroclor-1260 {5}	10.32	9.43	11.23	961630	904085	5.98
Average %D						10.79

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/18/2013

Instrument ID: GC-R

Data File: R0374.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.21	3.14	3.28	231792	215207	7.16
Aroclor-1016 {2}	4.05	3.97	4.11	320595	294723	8.07
Aroclor-1016 {3}	4.60	4.53	4.67	412934	383366	7.16
Aroclor-1016 {4}	5.11	5.03	5.17	184100	171785	6.69
Aroclor-1016 {5}	5.50	5.43	5.57	327202	299985	8.32
Aroclor-1260	8.29	7.39	9.19	905749	883980	2.40
Aroclor-1260 {2}	8.97	8.07	9.87	446448	414940	7.06
Aroclor-1260 {3}	9.45	8.55	10.35	1071742	1041904	2.78
Aroclor-1260 {4}	9.93	9.03	10.83	567021	568476	0.26
Aroclor-1260 {5}	10.99	10.10	11.90	240905	234778	2.54
Average %D						5.24

Data File: R0374.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.41	3.35	3.49	278657	250825	9.99
Aroclor-1016 {2}	3.98	3.92	4.06	568174	500716	11.87
Aroclor-1016 {3}	4.70	4.64	4.78	1257495	1146256	8.85
Aroclor-1016 {4}	4.90	4.84	4.98	534137	480244	10.09
Aroclor-1016 {5}	5.07	5.01	5.15	412649	366459	11.19
Aroclor-1260	7.40	6.50	8.30	481008	423241	12.01
Aroclor-1260 {2}	7.65	6.75	8.55	730906	629771	13.84
Aroclor-1260 {3}	9.23	8.34	10.14	613615	554291	9.67
Aroclor-1260 {4}	9.74	8.84	10.64	1154207	1210055	4.84
Aroclor-1260 {5}	10.32	9.43	11.23	961630	1025726	6.67
Average %D						9.90

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/19/2013 Instrument ID: GC-R

Data File: R0420.D GC Column (1st): DB-5

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.21	3.14	3.28	231792	208665	9.98
Aroclor-1016 {2}	4.04	3.97	4.11	320595	290078	9.52
Aroclor-1016 {3}	4.60	4.53	4.67	412934	371645	10.00
Aroclor-1016 {4}	5.10	5.03	5.17	184100	168940	8.23
Aroclor-1016 {5}	5.50	5.43	5.57	327202	295185	9.79
Aroclor-1260	8.29	7.39	9.19	905749	856531	5.43
Aroclor-1260 {2}	8.97	8.07	9.87	446448	397805	10.90
Aroclor-1260 {3}	9.44	8.55	10.35	1071742	970244	9.47
Aroclor-1260 {4}	9.93	9.03	10.83	567021	509111	10.21
Aroclor-1260 {5}	10.99	10.10	11.90	240905	202016	16.14
Average %D						9.97

Data File: R0420.C GC Column (2nd): DB-1701P

Compound	RT	RT WINDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.42	3.35	3.49	278657	247994	11.00
Aroclor-1016 {2}	3.98	3.92	4.06	568174	497706	12.40
Aroclor-1016 {3}	4.70	4.64	4.78	1257495	1134724	9.76
Aroclor-1016 {4}	4.91	4.84	4.98	534137	480249	10.09
Aroclor-1016 {5}	5.07	5.01	5.15	412649	364916	11.57
Aroclor-1260	7.40	6.50	8.30	481008	430217	10.56
Aroclor-1260 {2}	7.65	6.75	8.55	730906	625820	14.38
Aroclor-1260 {3}	9.23	8.34	10.14	613615	525950	14.29
Aroclor-1260 {4}	9.74	8.84	10.64	1154207	1188338	2.96
Aroclor-1260 {5}	10.32	9.43	11.23	961630	847481	11.87
Average %D						10.89

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/19/2013

Instrument ID:

GC-R

Data File:

R0423.D

GC Column (1st):

DB-5

Compound	RT	RT WI NDOw FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.21	3.14	3.28	231792	209225	9.74
Aroclor-1016 {2}	4.05	3.97	4.11	320595	291972	8.93
Aroclor-1016 {3}	4.60	4.53	4.67	412934	373158	9.63
Aroclor-1016 {4}	5.11	5.03	5.17	184100	170392	7.45
Aroclor-1016 {5}	5.50	5.43	5.57	327202	297593	9.05
Aroclor-1260	8.29	7.39	9.19	905749	869256	4.03
Aroclor-1260 {2}	8.97	8.07	9.87	446448	403888	9.53
Aroclor-1260 {3}	9.44	8.55	10.35	1071742	985215	8.07
Aroclor-1260 {4}	9.93	9.03	10.83	567021	516038	8.99
Aroclor-1260 {5}	10.99	10.10	11.90	240905	218185	9.43
Average %D						8.48

Data File:

R0423.C

GC Column (2nd):

DB-1701P

Compound	RT	RT WI NDOw FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.41	3.35	3.49	278657	245937	11.74
Aroclor-1016 {2}	3.98	3.92	4.06	568174	495577	12.78
Aroclor-1016 {3}	4.70	4.64	4.78	1257495	1127190	10.36
Aroclor-1016 {4}	4.90	4.84	4.98	534137	478484	10.42
Aroclor-1016 {5}	5.07	5.01	5.15	412649	363111	12.00
Aroclor-1260	7.40	6.50	8.30	481008	431240	10.35
Aroclor-1260 {2}	7.65	6.75	8.55	730906	628784	13.97
Aroclor-1260 {3}	9.23	8.34	10.14	613615	526185	14.25
Aroclor-1260 {4}	9.74	8.84	10.64	1154207	1205010	4.40
Aroclor-1260 {5}	10.32	9.43	11.23	961630	863516	10.20
Average %D						11.05

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/20/2013

Instrument ID: GC-R

Data File: R0446.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.21	3.14	3.28	231792	207906	10.30
Aroclor-1016 {2}	4.04	3.97	4.11	320595	281933	12.06
Aroclor-1016 {3}	4.60	4.53	4.67	412934	366659	11.21
Aroclor-1016 {4}	5.10	5.03	5.17	184100	164924	10.42
Aroclor-1016 {5}	5.50	5.43	5.57	327202	289487	11.53
Aroclor-1260	8.29	7.39	9.19	905749	847600	6.42
Aroclor-1260 {2}	8.97	8.07	9.87	446448	395781	11.35
Aroclor-1260 {3}	9.44	8.55	10.35	1071742	960646	10.37
Aroclor-1260 {4}	9.92	9.03	10.83	567021	526672	7.12
Aroclor-1260 {5}	10.99	10.10	11.90	240905	221983	7.85
Average %D						9.86

Data File: R0446.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.43	3.35	3.49	278657	248953	10.66
Aroclor-1016 {2}	3.99	3.92	4.06	568174	494674	12.94
Aroclor-1016 {3}	4.72	4.64	4.78	1257495	1131135	10.05
Aroclor-1016 {4}	4.92	4.84	4.98	534137	469898	12.03
Aroclor-1016 {5}	5.09	5.01	5.15	412649	362574	12.14
Aroclor-1260	7.41	6.50	8.30	481008	413465	14.04
Aroclor-1260 {2}	7.66	6.75	8.55	730906	596897	18.33
Aroclor-1260 {3}	9.24	8.34	10.14	613615	533285	13.09
Aroclor-1260 {4}	9.75	8.84	10.64	1154207	1157187	0.26
Aroclor-1260 {5}	10.33	9.43	11.23	961630	843271	12.31
Average %D						11.58

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/20/2013

Instrument ID: GC-R

Data File: R0449.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.21	3.14	3.28	231792	207922	10.30
Aroclor-1016 {2}	4.05	3.97	4.11	320595	283463	11.58
Aroclor-1016 {3}	4.60	4.53	4.67	412934	368170	10.84
Aroclor-1016 {4}	5.11	5.03	5.17	184100	166769	9.41
Aroclor-1016 {5}	5.50	5.43	5.57	327202	292621	10.57
Aroclor-1260	8.29	7.39	9.19	905749	878053	3.06
Aroclor-1260 {2}	8.97	8.07	9.87	446448	408815	8.43
Aroclor-1260 {3}	9.44	8.55	10.35	1071742	1012829	5.50
Aroclor-1260 {4}	9.93	9.03	10.83	567021	532753	6.04
Aroclor-1260 {5}	11.00	10.10	11.90	240905	212539	11.77
Average %D						8.75

Data File: R0449.C GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
		FROM	TO			
Aroclor-1016	3.42	3.35	3.49	278657	240482	13.70
Aroclor-1016 {2}	3.98	3.92	4.06	568174	477736	15.92
Aroclor-1016 {3}	4.70	4.64	4.78	1257495	1098850	12.62
Aroclor-1016 {4}	4.91	4.84	4.98	534137	463661	13.19
Aroclor-1016 {5}	5.08	5.01	5.15	412649	354276	14.15
Aroclor-1260	7.40	6.50	8.30	481008	417309	13.24
Aroclor-1260 {2}	7.65	6.75	8.55	730906	609967	16.55
Aroclor-1260 {3}	9.23	8.34	10.14	613615	527691	14.00
Aroclor-1260 {4}	9.74	8.84	10.64	1154207	1210479	4.88
Aroclor-1260 {5}	10.33	9.43	11.23	961630	878529	8.64
Average %D						12.69

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/17/2013

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y8480.D Y8479.D Y8478.D Y8477.D Y8476.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.24	3.23	3.23	3.23	3.23	3.23	3.16	3.30
Aroclor-1016 {2}	4.06	4.06	4.06	4.06	4.06	4.06	3.99	4.13
Aroclor-1016 {3}	4.61	4.61	4.61	4.61	4.60	4.61	4.54	4.68
Aroclor-1016 {4}	5.11	5.11	5.11	5.11	5.11	5.11	5.04	5.18
Aroclor-1016 {5}	5.50	5.50	5.50	5.50	5.50	5.50	5.43	5.57
Aroclor-1221			2.15				2.08	2.22
Aroclor-1221 {2}			3.03				2.96	3.10
Aroclor-1221 {3}			3.16				3.09	3.23
Aroclor-1221 {4}			3.23				3.16	3.30
Aroclor-1221 {5}			3.82				3.75	3.89
Aroclor-1232			3.23				3.16	3.30
Aroclor-1232 {2}			4.06				3.99	4.13
Aroclor-1232 {3}			4.72				4.65	4.79
Aroclor-1232 {4}			5.31				5.24	5.38
Aroclor-1232 {5}			5.50				5.43	5.57
Aroclor-1242			4.06				3.99	4.13
Aroclor-1242 {2}			4.99				4.92	5.06
Aroclor-1242 {3}			5.31				5.24	5.38
Aroclor-1242 {4}			6.00				5.93	6.07
Aroclor-1242 {5}			6.27				6.20	6.34
Aroclor-1248			4.45				4.37	4.53
Aroclor-1248 {2}			4.99				4.91	5.07
Aroclor-1248 {3}			5.31				5.23	5.39
Aroclor-1248 {4}			6.00				5.92	6.08
Aroclor-1248 {5}			6.27				6.19	6.35
Aroclor-1254			6.39				6.31	6.47
Aroclor-1254 {2}			6.83				6.75	6.91
Aroclor-1254 {3}			6.99				6.90	7.08
Aroclor-1254 {4}			7.43				7.34	7.52
Aroclor-1254 {5}			8.27				8.18	8.36
Aroclor-1260	8.27	8.27	8.27	8.27	8.27	8.27	7.37	9.17
Aroclor-1260 {2}	8.94	8.94	8.94	8.94	8.94	8.94	8.04	9.84
Aroclor-1260 {3}	9.41	9.41	9.41	9.42	9.41	9.41	8.51	10.31
Aroclor-1260 {4}	9.90	9.89	9.89	9.89	9.89	9.89	8.99	10.79
Aroclor-1260 {5}	10.96	10.96	10.95	10.95	10.95	10.95	10.05	11.85

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/17/2013

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y8480.D Y8479.D Y8478.D Y8477.D Y8476.D

Compound	CALIBRATION FACTORS						%RSD
	10	50	500	1000	2000	MEAN	
Aroclor-1016	92501	100000	93407	98097	96498	96101	3.27
Aroclor-1016 {2}	166620	152908	138464	139988	137812	147158	8.50
Aroclor-1016 {3}	187071	193288	163741	172850	171437	177677	6.83
Aroclor-1016 {4}	109259	96889	84801	85350	82797	91819	12.20
Aroclor-1016 {5}	155629	160113	142178	146548	144392	149772	5.15
Aroclor-1221			34252				
Aroclor-1221 {2}			47706				
Aroclor-1221 {3}			35130				
Aroclor-1221 {4}			110097				
Aroclor-1221 {5}			27140				
Aroclor-1232			72412				
Aroclor-1232 {2}			46287				
Aroclor-1232 {3}			41664				
Aroclor-1232 {4}			50819				
Aroclor-1232 {5}			60360				
Aroclor-1242			76238				
Aroclor-1242 {2}			57988				
Aroclor-1242 {3}			77607				
Aroclor-1242 {4}			107977				
Aroclor-1242 {5}			96400				
Aroclor-1248			167861				
Aroclor-1248 {2}			111053				
Aroclor-1248 {3}			137178				
Aroclor-1248 {4}			201946				
Aroclor-1248 {5}			161647				
Aroclor-1254			199688				
Aroclor-1254 {2}			160634				
Aroclor-1254 {3}			280108				
Aroclor-1254 {4}			314549				
Aroclor-1254 {5}			286385				
Aroclor-1260	435559	469024	381455	402244	403417	418340	8.20
Aroclor-1260 {2}	238442	232119	204467	205726	200015	216154	8.20
Aroclor-1260 {3}	511116	524178	439581	465538	467430	481569	7.27
Aroclor-1260 {4}	283337	273415	240219	252090	252778	260368	6.73
Aroclor-1260 {5}	121501	117354	116244	117760	114689	117510	2.15
Average %RSD							6.85

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/17/2013

Instrument ID: GC-Y
 GC Column (2nd): DB-1701P

Data File: Y8480.C Y8479.C Y8478.C Y8477.C Y8476.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1016	3.79	3.79	3.79	3.79	3.79	3.79	3.72	3.86
Aroclor-1016 {2}	4.40	4.39	4.39	4.39	4.39	4.39	4.32	4.46
Aroclor-1016 {3}	5.15	5.14	5.15	5.15	5.15	5.15	5.08	5.22
Aroclor-1016 {4}	5.35	5.36	5.36	5.36	5.36	5.36	5.29	5.43
Aroclor-1016 {5}	5.53	5.53	5.53	5.53	5.53	5.53	5.46	5.60
Aroclor-1221			2.46				2.39	2.53
Aroclor-1221 {2}			3.46				3.39	3.53
Aroclor-1221 {3}			3.70				3.63	3.77
Aroclor-1221 {4}			3.79				3.72	3.86
Aroclor-1221 {5}			5.15				5.08	5.22
Aroclor-1232			3.79				3.72	3.86
Aroclor-1232 {2}			4.78				4.71	4.85
Aroclor-1232 {3}			5.35				5.28	5.42
Aroclor-1232 {4}			5.53				5.46	5.60
Aroclor-1232 {5}			6.13				6.06	6.20
Aroclor-1242			4.78				4.71	4.85
Aroclor-1242 {2}			5.53				5.46	5.60
Aroclor-1242 {3}			6.13				6.06	6.20
Aroclor-1242 {4}			6.28				6.21	6.35
Aroclor-1242 {5}			6.82				6.75	6.89
Aroclor-1248			5.14				5.06	5.22
Aroclor-1248 {2}			5.73				5.65	5.81
Aroclor-1248 {3}			6.13				6.05	6.21
Aroclor-1248 {4}			6.28				6.20	6.36
Aroclor-1248 {5}			6.63				6.55	6.71
Aroclor-1254			7.13				7.05	7.21
Aroclor-1254 {2}			7.72				7.64	7.80
Aroclor-1254 {3}			8.33				8.24	8.42
Aroclor-1254 {4}			8.56				8.47	8.65
Aroclor-1254 {5}			9.15				9.06	9.24
Aroclor-1260	7.90	7.90	7.90	7.90	7.90	7.90	7.00	8.80
Aroclor-1260 {2}	8.15	8.16	8.16	8.16	8.16	8.16	7.26	9.06
Aroclor-1260 {3}	9.75	9.75	9.75	9.75	9.75	9.75	8.85	10.65
Aroclor-1260 {4}	10.25	10.25	10.26	10.26	10.26	10.26	9.36	11.16
Aroclor-1260 {5}	10.85	10.85	10.85	10.85	10.85	10.85	9.95	11.75

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/17/2013 Instrument ID: GC-Y
 GC Column (2nd): DB-1701P

Data File: Y8480.C Y8479.C Y8478.C Y8477.C Y8476.C

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1016	265922	261233	228794	205770	195318	231407	13.75
Aroclor-1016 {2}	579863	578743	485782	445631	428557	503715	14.31
Aroclor-1016 {3}	1359492	1309033	1117258	1038199	1014229	1167642	13.52
Aroclor-1016 {4}	521855	537306	488149	452537	445705	489111	8.32
Aroclor-1016 {5}	411816	430612	370961	343278	327711	376876	11.63
Aroclor-1221			87302				
Aroclor-1221 {2}			136750				
Aroclor-1221 {3}			94536				
Aroclor-1221 {4}			327907				
Aroclor-1221 {5}			69342				
Aroclor-1232			214113				
Aroclor-1232 {2}			84206				
Aroclor-1232 {3}			194179				
Aroclor-1232 {4}			149270				
Aroclor-1232 {5}			214120				
Aroclor-1242			144599				
Aroclor-1242 {2}			257384				
Aroclor-1242 {3}			346722				
Aroclor-1242 {4}			291513				
Aroclor-1242 {5}			581393				
Aroclor-1248			541523				
Aroclor-1248 {2}			814400				
Aroclor-1248 {3}			589935				
Aroclor-1248 {4}			507204				
Aroclor-1248 {5}			296901				
Aroclor-1254			822158				
Aroclor-1254 {2}			631274				
Aroclor-1254 {3}			658565				
Aroclor-1254 {4}			366678				
Aroclor-1254 {5}			880809				
Aroclor-1260	516941	531496	460156	419795	412129	468103	11.67
Aroclor-1260 {2}	794164	785158	664842	605455	587774	687479	14.20
Aroclor-1260 {3}	653530	666619	609589	556455	544166	606072	9.12
Aroclor-1260 {4}	1351547	1396716	1306959	1203567	1194899	1290737	6.93
Aroclor-1260 {5}	886379	1005297	959230	892206	887085	926039	5.82
Average %RSD							10.93

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/17/2013

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y8480.D Y8479.D Y8478.D Y8477.D Y8476.D

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			8.56			8.44	8.68	
Aroclor-1262 {2}			9.41			9.29	9.53	
Aroclor-1262 {3}			10.05			9.93	10.17	
Aroclor-1262 {4}			10.13			10.01	10.25	
Aroclor-1262 {5}			10.95			10.83	11.07	
Aroclor-1268			10.04			9.92	10.16	
Aroclor-1268 {2}			10.13			10.01	10.25	
Aroclor-1268 {3}			10.60			10.48	10.72	
Aroclor-1268 {4}			11.56			11.44	11.68	
Aroclor-1268 {5}			12.04			11.92	12.16	

GC Column (2nd): DB-1701P

Data File: Y8480.C Y8479.C Y8478.C Y8477.C Y8476.C

Compound	RT OF STANDARDS					MEAN RT	RT WINDOW	
	10	50	500	1000	2000		FROM	TO
Aroclor-1262			9.75			9.63	9.87	
Aroclor-1262 {2}			10.25			10.13	10.37	
Aroclor-1262 {3}			10.75			10.63	10.87	
Aroclor-1262 {4}			10.84			10.72	10.96	
Aroclor-1262 {5}			11.44			11.32	11.56	
Aroclor-1268			10.75			10.63	10.87	
Aroclor-1268 {2}			10.83			10.71	10.95	
Aroclor-1268 {3}			11.09			10.97	11.21	
Aroclor-1268 {4}			12.31			12.19	12.43	
Aroclor-1268 {5}			12.54			12.42	12.66	

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 05/17/2013

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y8480.D Y8479.D Y8478.D Y8477.D Y8476.D

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1262			282857				
Aroclor-1262 {2}			515896				
Aroclor-1262 {3}			245072				
Aroclor-1262 {4}			262335				
Aroclor-1262 {5}			269460				
Aroclor-1268			597022				
Aroclor-1268 {2}			577155				
Aroclor-1268 {3}			486697				
Aroclor-1268 {4}			1388523				
Aroclor-1268 {5}			887652				

GC Column (2nd): DB-1701P

Data File: Y8480.C Y8479.C Y8478.C Y8477.C Y8476.C

Compound	CALIBRATION FACTORS					MEAN	%RSD
	10	50	500	1000	2000		
Aroclor-1262			769286				
Aroclor-1262 {2}			1700222				
Aroclor-1262 {3}			640849				
Aroclor-1262 {4}			1257314				
Aroclor-1262 {5}			357726				
Aroclor-1268			1891532				
Aroclor-1268 {2}			1897072				
Aroclor-1268 {3}			1588965				
Aroclor-1268 {4}			5131072				
Aroclor-1268 {5}			3070530				

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/17/2013

Instrument ID: GC-Y

Data File: Y8488.D

GC Column (1st): DB-5

Compound	RT	RT WINDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.23	3.16	3.30	96101	82471	14.18
Aroclor-1016 {2}	4.06	3.99	4.13	147158	123233	16.26
Aroclor-1016 {3}	4.60	4.54	4.68	177677	151498	14.73
Aroclor-1016 {4}	5.11	5.04	5.18	91819	77543	15.55
Aroclor-1016 {5}	5.50	5.43	5.57	149772	131998	11.87
Aroclor-1260	8.27	7.37	9.17	418340	391312	6.46
Aroclor-1260 {2}	8.94	8.04	9.84	216154	199842	7.55
Aroclor-1260 {3}	9.41	8.51	10.31	481569	455780	5.36
Aroclor-1260 {4}	9.89	8.99	10.79	260368	257057	1.27
Aroclor-1260 {5}	10.95	10.05	11.85	117510	123921	5.46
Average %D						9.87

Data File: Y8488.C

GC Column (2nd): DB-1701P

Compound	RT	RT WINDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.72	3.86	231407	247786	7.08
Aroclor-1016 {2}	4.39	4.32	4.46	503715	529201	5.06
Aroclor-1016 {3}	5.14	5.08	5.22	1167642	1217995	4.31
Aroclor-1016 {4}	5.35	5.29	5.43	489111	532150	8.80
Aroclor-1016 {5}	5.53	5.46	5.60	376876	404953	7.45
Aroclor-1260	7.90	7.00	8.80	468103	503178	7.49
Aroclor-1260 {2}	8.15	7.26	9.06	687479	729420	6.10
Aroclor-1260 {3}	9.75	8.85	10.65	606072	678191	11.90
Aroclor-1260 {4}	10.25	9.36	11.16	1290737	1467113	13.66
Aroclor-1260 {5}	10.84	9.95	11.75	926039	1091308	17.85
Average %D						8.97

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 05/18/2013

Instrument ID: GC-Y

Data File: Y8513.D

GC Column (1st): DB-5

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
Compound	RT	FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.23	3.16	3.30	96101	87106	9.36
Aroclor-1016 {2}	4.06	3.99	4.13	147158	124732	15.24
Aroclor-1016 {3}	4.60	4.54	4.68	177677	160055	9.92
Aroclor-1016 {4}	5.11	5.04	5.18	91819	81145	11.63
Aroclor-1016 {5}	5.50	5.43	5.57	149772	138655	7.42
Aroclor-1260	8.26	7.37	9.17	418340	410694	1.83
Aroclor-1260 {2}	8.94	8.04	9.84	216154	209378	3.13
Aroclor-1260 {3}	9.41	8.51	10.31	481569	478959	0.54
Aroclor-1260 {4}	9.89	8.99	10.79	260368	267938	2.91
Aroclor-1260 {5}	10.95	10.05	11.85	117510	129766	10.43
Average %D					7.24	

Data File: Y8513.C

GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW		Avg CF	CC CF	%D
Compound	RT	FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.72	3.86	231407	233198	0.77
Aroclor-1016 {2}	4.39	4.32	4.46	503715	519628	3.16
Aroclor-1016 {3}	5.14	5.08	5.22	1167642	1201636	2.91
Aroclor-1016 {4}	5.35	5.29	5.43	489111	523886	7.11
Aroclor-1016 {5}	5.53	5.46	5.60	376876	401047	6.41
Aroclor-1260	7.90	7.00	8.80	468103	491485	4.99
Aroclor-1260 {2}	8.15	7.26	9.06	687479	708444	3.05
Aroclor-1260 {3}	9.75	8.85	10.65	606072	650434	7.32
Aroclor-1260 {4}	10.25	9.36	11.16	1290737	1422514	10.21
Aroclor-1260 {5}	10.84	9.95	11.75	926039	1073507	15.92
Average %D					6.19	

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-R

Column: DB-5/DB-1701P

Surrogate RT from initial calibration :

	TCMX 1	<u>2.75</u>	DCB 1	<u>12.10</u>	TCMX 2	<u>2.61</u>	DCB 2	<u>12.03</u>
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Client ID	Lab	Date Analyzed	Time Analyzed	TCMX 1 RT #	DCB 1 RT #	TCMX 2 RT #	DCB 2 RT #
PCB	BLKA130502-08	05/08/2013	17:25	2.75	12.10	2.61	12.03
FB-77	03804-036	05/08/2013	17:42	2.75	12.10	2.60	12.02
001	03886-001	05/08/2013	18:00	2.75	12.10	2.60	12.02
HEADER_EAST	03857-001	05/08/2013	18:17	2.75	12.10	2.60	12.02
FB-78	03859-040	05/08/2013	18:34	2.75	12.10	2.60	12.02
PCB	03857-001MS	05/08/2013	18:52	2.75	12.10	2.60	12.02
PCB	03857-001MSD	05/08/2013	19:09	2.76	12.10	2.60	12.02
PCB	LCSA130502-08	05/08/2013	19:27	2.75	12.10	2.60	12.02

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

(\pm 0.10 Minutes)

DCB = Decachlorobiphenyl

(\pm 0.10 Minutes)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-Y

Column: DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1	<u>2.84</u>	DCB 1	<u>12.13</u>	TCMX 2	<u>2.91</u>	DCB 2	<u>12.49</u>
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Client ID	Sample ID	Lab	Date Analyzed	Time Analyzed	TCMX 1 RT #	DCB 1 RT #	TCMX 2 RT #	DCB 2 RT #
PCB	BLKA130509-09		05/14/2013	02:00	2.84	12.13	2.91	12.49
FB-81	04028-025		05/14/2013	02:17	2.84	12.13	2.91	12.49
PLANT_INFL	04103-002		05/14/2013	02:35	2.84	12.13	2.91	12.49
MW-30/18.0	04070-002		05/14/2013	03:10	2.84	12.13	2.91	12.49
FB-82	04119-039		05/14/2013	03:27	2.84	12.13	2.91	12.49
PLANT_EFFL	04104-002		05/14/2013	03:44	2.84	12.13	2.91	12.49
D014A-00EB	04213-020		05/14/2013	04:02	2.84	12.13	2.91	12.49
PCB	LCSA130509-09		05/14/2013	04:19	2.84	12.13	2.91	12.49
MW-28/13.2	04070-001		05/14/2013	09:56	2.84	12.14	2.91	12.49

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

(\pm 0.10 Minutes)

DCB = Decachlorobiphenyl

(\pm 0.10 Minutes)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-Y

Column: DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1	<u>2.84</u>	DCB 1	<u>12.13</u>	TCMX 2	<u>2.91</u>	DCB 2	<u>12.49</u>
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Client ID	Lab	Date	Time	TCMX 1	DCB 1	TCMX 2	DCB 2
	Sample ID	Analyzed	Analyzed	RT #	RT #	RT #	RT #
PCB	BLKS130507-20	05/14/2013	10:31	2.84	12.13	2.91	12.49
I-33S_(4.0)	04119-027	05/14/2013	11:06	2.84	12.13	2.91	12.49
I-33N_(4.0)	04119-029	05/14/2013	11:41	2.84	12.13	2.91	12.49
PCB	04151-006MS	05/14/2013	16:37	2.84	12.13	2.91	12.49
PCB	04151-006MSD	05/14/2013	16:55	2.84	12.13	2.91	12.49
PCB	LCSS130507-20	05/14/2013	17:12	2.84	12.13	2.91	12.49
WC-1	04150-001	05/14/2013	21:13	2.84	12.13	2.91	12.49
S-1	04151-001	05/14/2013	21:31	2.84	12.14	2.91	12.49
S-2	04151-002	05/14/2013	21:48	2.84	12.14	2.91	12.49
S-3	04151-003	05/14/2013	22:05	2.84	12.13	2.91	12.49
S-4	04151-004	05/14/2013	22:23	2.84	12.13	2.91	12.49
B-5	04151-005	05/14/2013	22:40	2.84	12.13	2.91	12.49
C-6	04151-006	05/14/2013	22:58	2.84	12.13	2.91	12.49
D-31N_(0-2)	04119-034	05/14/2013	23:15	2.84	12.13	2.91	12.49
E-31N_(0-2)	04119-036	05/14/2013	23:32	2.84	12.13	2.91	12.49
F-30W_(0-2)	04119-037	05/14/2013	23:50	2.84	12.13	2.91	12.49
F-30N_(0-2)	04119-038	05/15/2013	00:07	2.84	12.13	2.91	12.49
D-32N_(2.0)	04119-033	05/15/2013	00:25	2.84	12.13	2.91	12.49
E-33W_(0-2)	04119-031	05/15/2013	01:00	2.84	12.13	2.91	12.49
D-32N_(0-2)	04119-032	05/15/2013	01:17	2.84	12.13	2.91	12.49
D-31W_(0-2)	04119-035	05/15/2013	01:34	2.84	12.13	2.91	12.49
I-33E_(4.0)	04119-028	05/15/2013	01:52	0.00 D	0.00 D	0.00 D	0.00 D
J-35N_(0-2)	04119-026	05/15/2013	12:55	2.84	12.14	2.91	12.49
I-33W_(4.0)	04119-030	05/15/2013	13:13	0.00 D	0.00 D	0.00 D	0.00 D

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

(\pm 0.10 Minutes)

DCB = Decachlorobiphenyl

(\pm 0.10 Minutes)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-R

Column: DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1	<u>2.75</u>	DCB 1	<u>12.09</u>	TCMX 2	<u>2.59</u>	DCB 2	<u>12.00</u>
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Client ID	Sample ID	Lab	Date Analyzed	Time Analyzed	TCMX 1 RT #	DCB 1 RT #	TCMX 2 RT #	DCB 2 RT #
PCB	BLKS130507-18		05/17/2013	21:15	2.75	12.09	2.59	12.00
WC-5S/0-6	04116-004		05/17/2013	21:32	2.75	12.09	2.60	12.00
WC-5D/6-12	04116-005		05/17/2013	21:50	2.75	12.09	2.59	12.00
WC-6S/0-6	04116-009		05/17/2013	22:07	2.75	12.09	2.59	12.00
WC-6D/6-12	04116-010		05/17/2013	22:24	2.75	12.09	2.59	12.00
WC-7S/0-6	04116-013		05/17/2013	22:42	2.75	12.09	2.60	12.00
WC-7D_6-12	04116-014		05/17/2013	22:59	2.75	12.09	2.59	12.00
WC-8/0-12	04116-017		05/17/2013	23:17	2.75	12.09	2.59	12.00
WC-3S/0-6	04116-021		05/17/2013	23:34	2.75	12.09	2.60	12.00
WC-3D/6-12	04116-022		05/17/2013	23:52	2.75	12.09	2.59	12.00
WC-1S/0-6	04116-026		05/18/2013	00:09	2.75	12.09	2.59	12.00
WC-1D/6-12	04116-027		05/18/2013	00:26	2.75	12.09	2.60	12.00
WC-2S/0-6	04116-031		05/18/2013	00:43	2.75	12.09	2.59	12.00
WC-2D/6-12	04116-032		05/18/2013	01:01	2.75	12.09	2.59	12.00
WC-4S/0-6	04116-036		05/18/2013	01:18	2.75	12.09	2.59	12.00
WC-4D/6-12	04116-037		05/18/2013	01:36	2.75	12.09	2.59	12.00
I-37N_(0-2	04119-002		05/18/2013	02:11	0.00	D 0.00	D 0.00	D 0.00 D
I-37S_(0-2	04119-003		05/18/2013	02:28	0.00	D 0.00	D 0.00	D 0.00 D
H-36S_(0-2	04119-005		05/18/2013	03:03	0.00	D 0.00	D 0.00	D 0.00 D
PCB	04116-004MS		05/18/2013	03:20	2.75	12.09	2.60	12.00
PCB	04116-004MSD		05/18/2013	03:37	2.75	12.09	2.59	12.00
PCB	LCSS130507-18		05/18/2013	04:30	2.75	12.09	2.59	12.00
J-36S_(2.0	04119-001		05/19/2013	14:30	0.00	D 0.00	D 0.00	D 0.00 D
I-37W_(0-2	04119-004		05/20/2013	10:51	0.00	D 0.00	D 0.00	D 0.00 D

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene

(\pm 0.10 Minutes)

DCB = Decachlorobiphenyl

(\pm 0.10 Minutes)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-Y

Column: DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1	<u>2.78</u>	DCB 1	<u>12.05</u>	TCMX 2	<u>2.91</u>	DCB 2	<u>12.54</u>
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Client ID	Lab	Date Analyzed	Time Analyzed	TCMX 1 RT #	DCB 1 RT #	TCMX 2 RT #	DCB 2 RT #
PCB	BLKS130507-19	05/17/2013	20:06	2.78	12.05	2.91	12.54
H-36S_(4.0)	04119-006	05/17/2013	20:23	2.78	12.04	2.91	12.54
H-36E_(0-2)	04119-007	05/17/2013	20:41	0.00 D	0.00 D	0.00 D	0.00 D
H-36E_(4.0)	04119-008	05/17/2013	20:58	2.78	12.04	2.91	12.54
J-36W_(0-2)	04119-009	05/17/2013	21:15	0.00 D	0.00 D	0.00 D	0.00 D
J-36W_(2.0)	04119-010	05/17/2013	21:33	2.78	12.04	2.91	12.53
J-35S_(2.0)	04119-011	05/17/2013	21:50	2.78	12.04	2.91	12.54
J-36E_(0-2)	04119-012	05/17/2013	22:08	2.78	12.04	2.91	12.53
J-36E_(2.0)	04119-013	05/17/2013	22:25	2.78	12.04	2.91	12.54
K-35S_(0-2)	04119-014	05/17/2013	22:42	2.78	0.00 M	2.91	0.00 M
K-35E_(0-2)	04119-015	05/17/2013	23:00	2.78	12.04	2.91	12.53
K-35N_(0-2)	04119-016	05/17/2013	23:17	2.78	12.04	2.91	12.53
H-36W_(0-2)	04119-017	05/17/2013	23:34	2.78	0.00 M	2.91	0.00 M
H-36W_(4.0)	04119-018	05/17/2013	23:52	2.78	12.04	2.91	12.53
H-36N_(0-2)	04119-019	05/18/2013	00:09	2.78	0.00 M	2.91	0.00 M
H-36N_(4.0)	04119-020	05/18/2013	00:26	2.78	12.04	2.91	12.53
I-35W_(2.0)	04119-021	05/18/2013	00:44	2.78	12.04	2.91	12.53
I-35S_(2.0)	04119-022	05/18/2013	01:01	2.78	0.00 M	2.91	0.00 M
I-35E_(2.0)	04119-023	05/18/2013	01:19	2.78	12.04	2.91	12.53
I-35E_(0-2)	04119-024	05/18/2013	01:36	0.00 D	0.00 D	0.00 D	0.00 D
I-35N_(2.0)	04119-025	05/18/2013	01:53	2.77	12.04	2.91	12.54
PCB	04119-025MS	05/18/2013	02:11	2.78	12.04	2.91	12.53
PCB	04119-025MSD	05/18/2013	02:28	2.77	12.04	2.91	12.53
PCB	LCSS130507-19	05/18/2013	03:03	2.78	12.04	2.91	12.53

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (\pm 0.10 Minutes)

DCB = Decachlorobiphenyl (\pm 0.10 Minutes)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

M Matrix interference

PCB SAMPLE DATA

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-19-13\
 Data File : R0421.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 19 May 2013 14:30
 Operator : JS
 Sample : J-36S_(2.0,04119-001,S,5.30g,20.2,05/07/13,4
 Misc : 130507-18,05/03/13,05/03/13,100
 ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 15:33:41 2013
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0516.M
 Quant Title :
 QLast Update : Fri May 17 09:43:17 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.45	4.71	885.9E6	1055.0E6	1723.319	1727.964
24) L6 Aroclor-1248 {2}	4.99	5.28	336.0E6	1480.6E6	1109.456	1619.844
25) L6 Aroclor-1248 {3}	5.31	5.68	161.9E6	430.9E6	406.216	648.541
26) L6 Aroclor-1248 {4}	6.00	5.82	728.8E6	402.0E6	1232.258	710.311
27) L6 Aroclor-1248 {5}	6.28	6.16	195.7E6	177.9E6	391.751	544.997
Sum Aroclor-1248			2308.2E6	3546.3E6	4863.000	5251.658
Average Aroclor-1248					972.600	1050.332
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

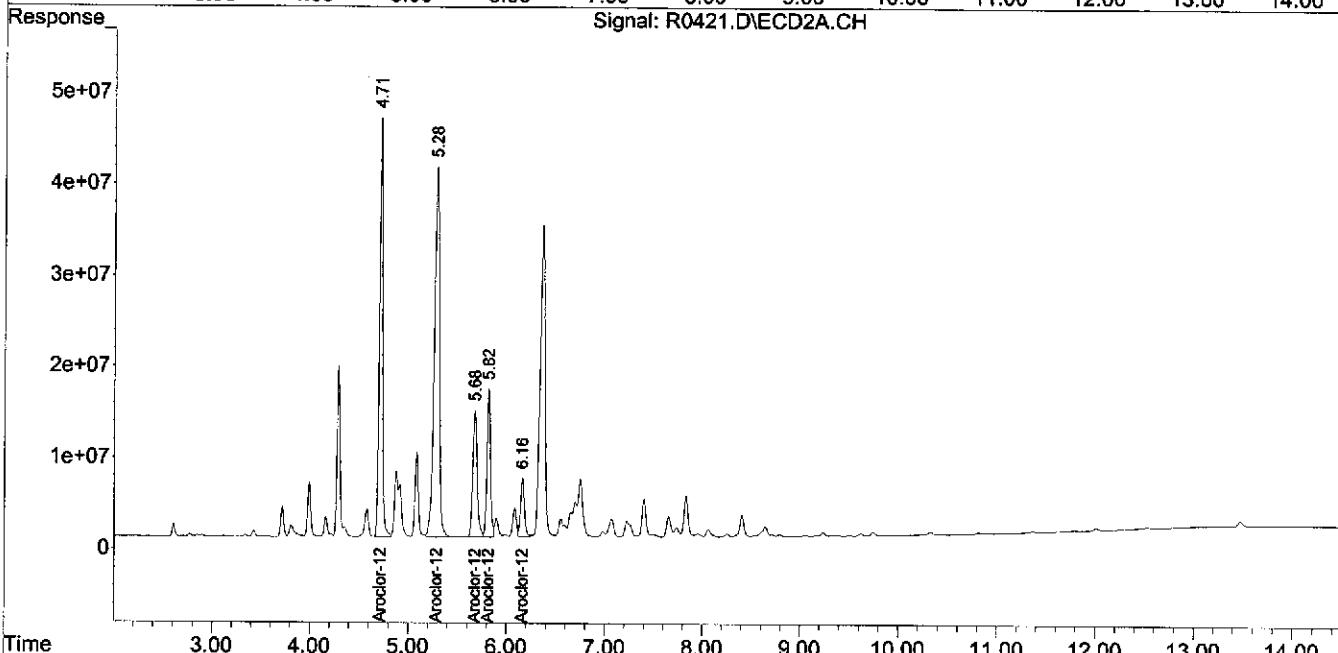
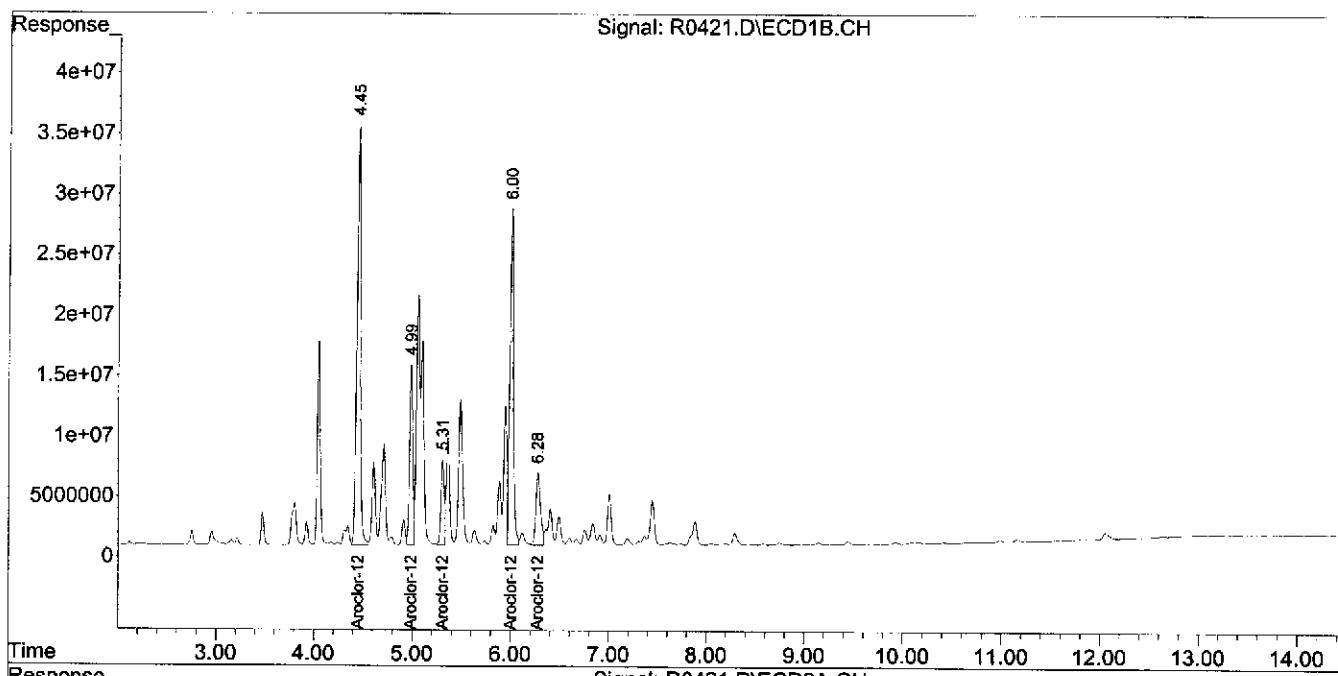
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-19-13\
Data File : R0421.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 19 May 2013 14:30
Operator : JS
Sample : J-36S_(2.0,04119-001,S,5.30g,20.2,05/07/13,4
Misc : 130507-18,05/03/13,05/03/13,100
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 20 15:33:41 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0516.M
Quant Title :
QLast Update : Fri May 17 09:43:17 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : R0367.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 18 May 2013 2:11
 Operator : JS
 Sample : I-37N_(0-2,04119-002,S,5.30g,26.5,05/07/13,4
 Misc : 130507-18,05/03/13,05/03/13,500
 ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 15:05:30 2013
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0516.M
 Quant Title :
 QLast Update : Fri May 17 09:43:17 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.45	4.70	637.3E6	738.0E6	1239.840	1208.818
24) L6 Aroclor-1248 {2}	4.99	5.27	376.6E6	1393.3E6	1243.692	1524.372
25) L6 Aroclor-1248 {3}	5.31	5.66	654.2E6	1189.4E6	1641.799	1790.296
26) L6 Aroclor-1248 {4}	6.00	5.81	1109.0E6	1043.2E6	1875.065	1843.205
27) L6 Aroclor-1248 {5}	6.28	6.15	980.8E6	590.4E6	1963.175m	1808.709
Sum Aroclor-1248			3757.9E6	4954.3E6	7963.570	8175.400
Average Aroclor-1248					1592.714	1635.080
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

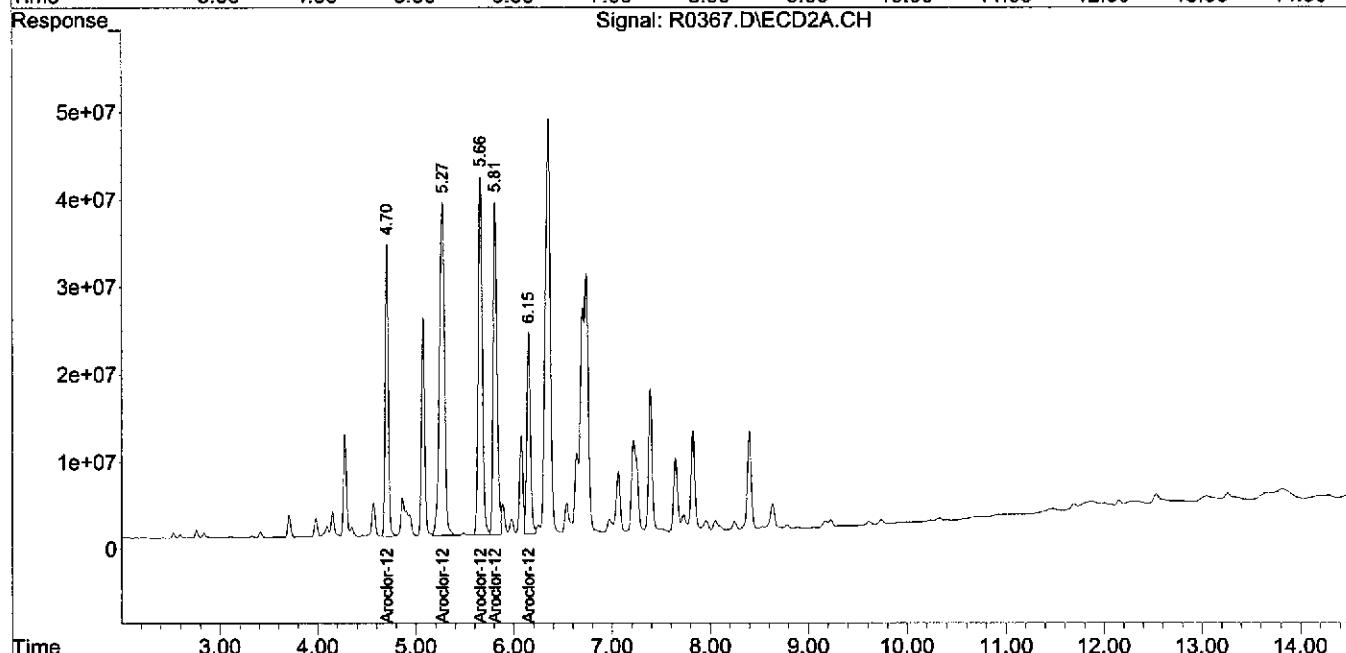
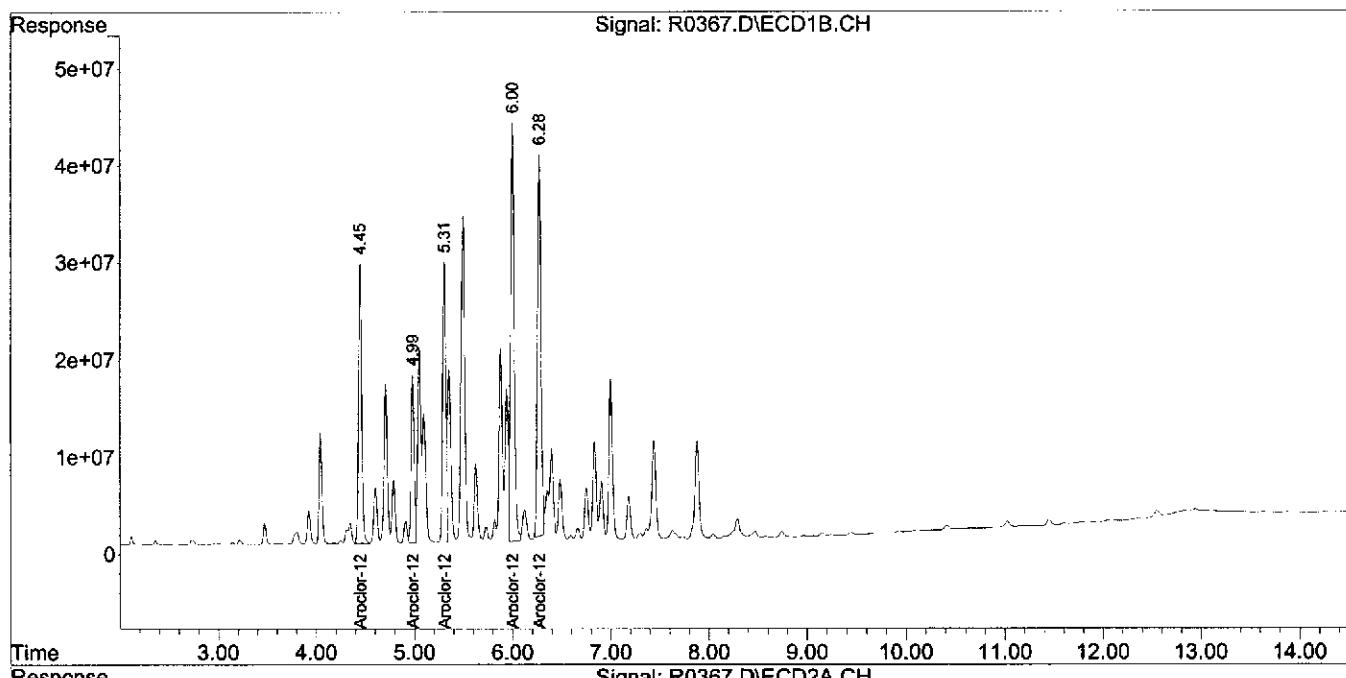
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
Data File : R0367.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 May 2013 2:11
Operator : JS
Sample : I-37N_(0-2,04119-002,S,5.30g,26.5,05/07/13,4
Misc : 130507-18,05/03/13,05/03/13,500
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 20 15:05:30 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0516.M
Quant Title :
QLast Update : Fri May 17 09:43:17 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : R0368.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 18 May 2013 2:28
 Operator : JS
 Sample : I-37S_(0-2,04119-003,S,5.20g,16.3,05/07/13,4
 Misc : 130507-18,05/03/13,05/03/13,250
 ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 15:07:51 2013
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0516.M
 Quant Title :
 QLast Update : Fri May 17 09:43:17 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.45	4.70	282.3E6	333.2E6	549.245	545.757
24) L6 Aroclor-1248 {2}	4.99	5.27	110.2E6	444.3E6	363.956	486.089 #
25) L6 Aroclor-1248 {3}	5.31	5.66	197.0E6	389.9E6	494.486	586.902
26) L6 Aroclor-1248 {4}	6.00	5.81	456.8E6	379.0E6	772.286	669.616
27) L6 Aroclor-1248 {5}	6.28	6.15	516.8E6	247.7E6	1034.400	758.856 #
Sum Aroclor-1248			1563.1E6	1794.1E6	3214.373	3047.220
Average Aroclor-1248					642.875	609.444
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

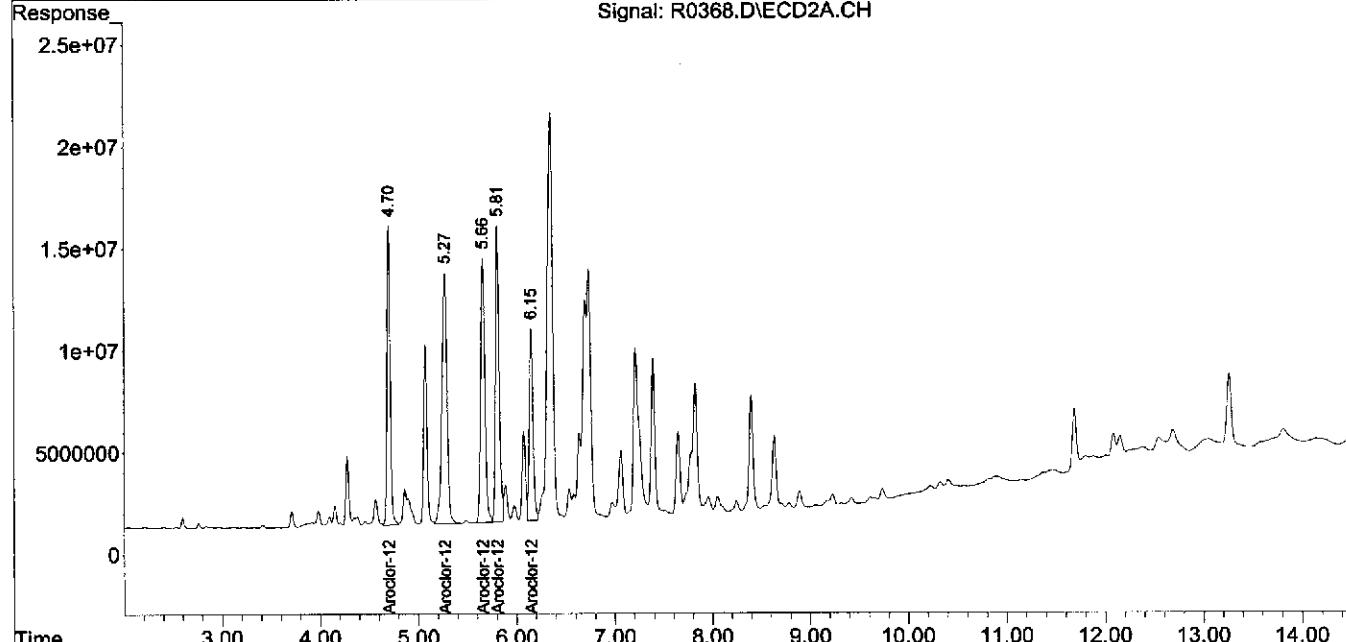
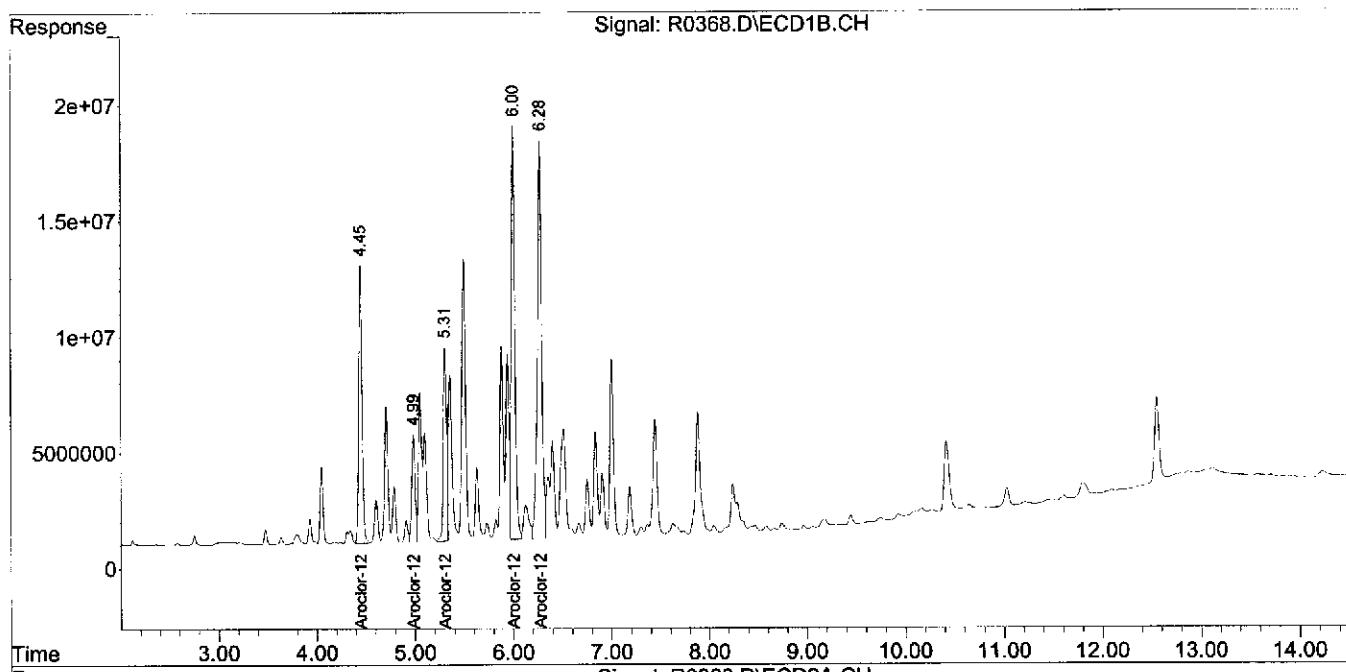
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
Data File : R0368.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 May 2013 2:28
Operator : JS
Sample : I-37S_(0-2,04119-003,S,5.20g,16.3,05/07/13,4
Misc : 130507-18,05/03/13,05/03/13,250
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 20 15:07:51 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0516.M
Quant Title :
QLast Update : Fri May 17 09:43:17 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-20-13\
 Data File : R0448.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 20 May 2013 10:51
 Operator : JS
 Sample : I-37W_(0-2,04119-004,S,5.30g,14.5,05/07/13,4
 Misc : 130507-18,05/03/13,05/03/13,2500
 ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 15:39:49 2013
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0516.M
 Quant Title :
 QLast Update : Fri May 17 09:43:17 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.45	4.72	29825878	37985505	58.022	62.218
24) L6 Aroclor-1248 {2}	4.99	5.29	104.1E6	517.0E6	343.754	565.593
25) L6 Aroclor-1248 {3}	5.31	5.68	213.1E6	471.5E6	534.703	709.753
26) L6 Aroclor-1248 {4}	6.01	5.82	416.0E6	452.1E6	703.292	798.836
27) L6 Aroclor-1248 {5}	6.28	6.17	428.4E6	260.8E6	857.410	798.991
Sum Aroclor-1248			1191.3E6	1739.4E6	2497.181	2935.391
Average Aroclor-1248					499.436	587.078
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

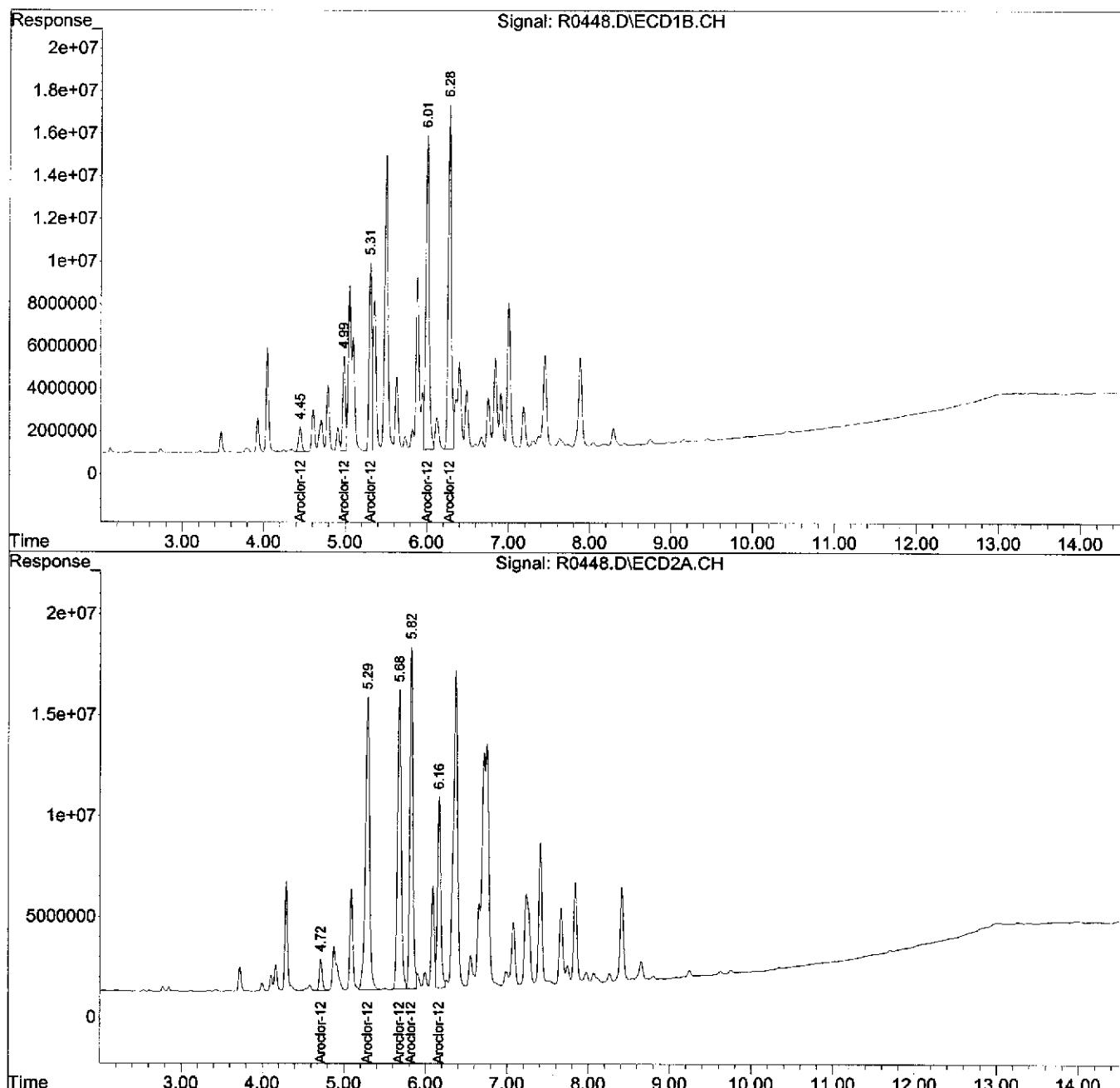
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-20-13\
Data File : R0448.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 May 2013 10:51
Operator : JS
Sample : I-37W (0-2,04119-004,S,5.30g,14.5,05/07/13,4
Misc : 130507-18,05/03/13,05/03/13,2500
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 20 15:39:49 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0516.M
Quant Title :
QLast Update : Fri May 17 09:43:17 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : R0370.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 18 May 2013 3:03
 Operator : JS
 Sample : H-36S_(0-2,04119-005,S,5.60g,25.3,05/07/13,4
 Misc : 130507-18,05/03/13,05/03/13,400
 ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 15:27:28 2013
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0516.M
 Quant Title :
 QLast Update : Fri May 17 09:43:17 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.45	4.70	67254244	74443860	130.834	121.935
24) L6 Aroclor-1248 {2}	4.99	5.28	109.6E6	603.4E6	361.746	660.172
25) L6 Aroclor-1248 {3}	5.31	5.66	282.7E6	611.0E6	709.539	919.697
26) L6 Aroclor-1248 {4}	6.01	5.81	515.2E6	577.3E6	871.022	1020.000
27) L6 Aroclor-1248 {5}	6.28	6.15	663.3E6	308.2E6	1327.591	944.060
Sum Aroclor-1248			1637.9E6	2174.3E6	3400.732	3665.865
Average Aroclor-1248					680.146	733.173
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

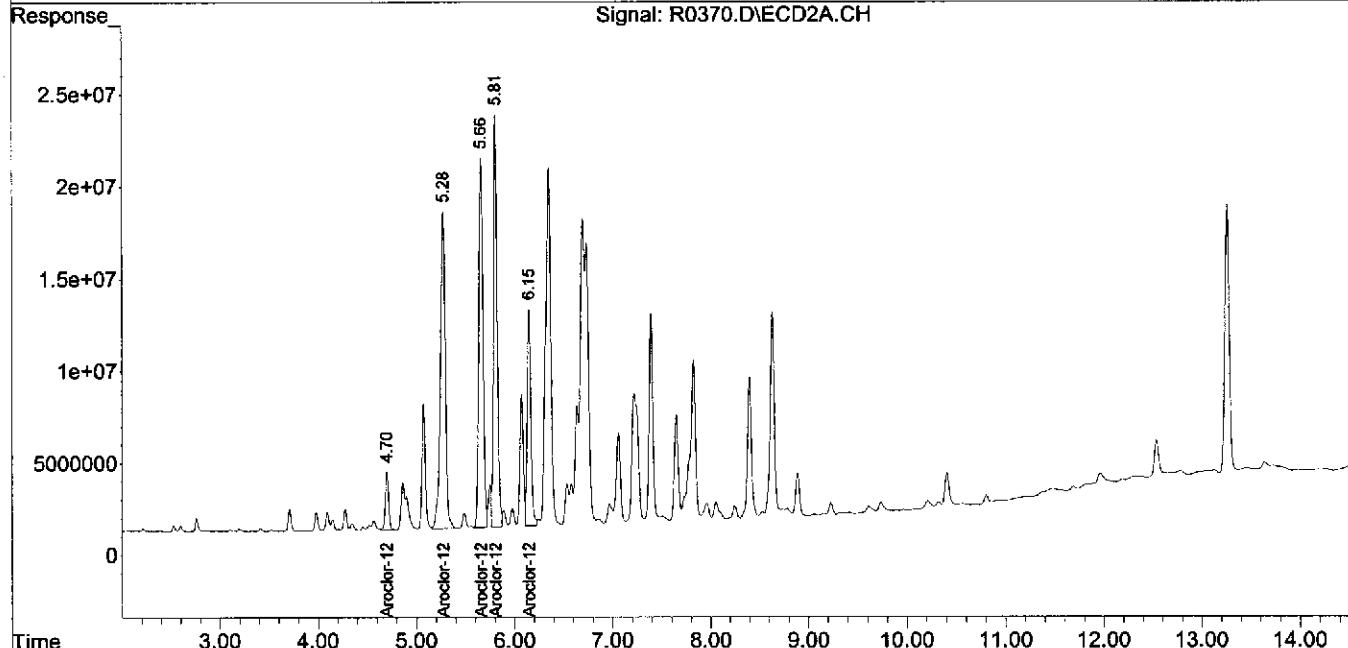
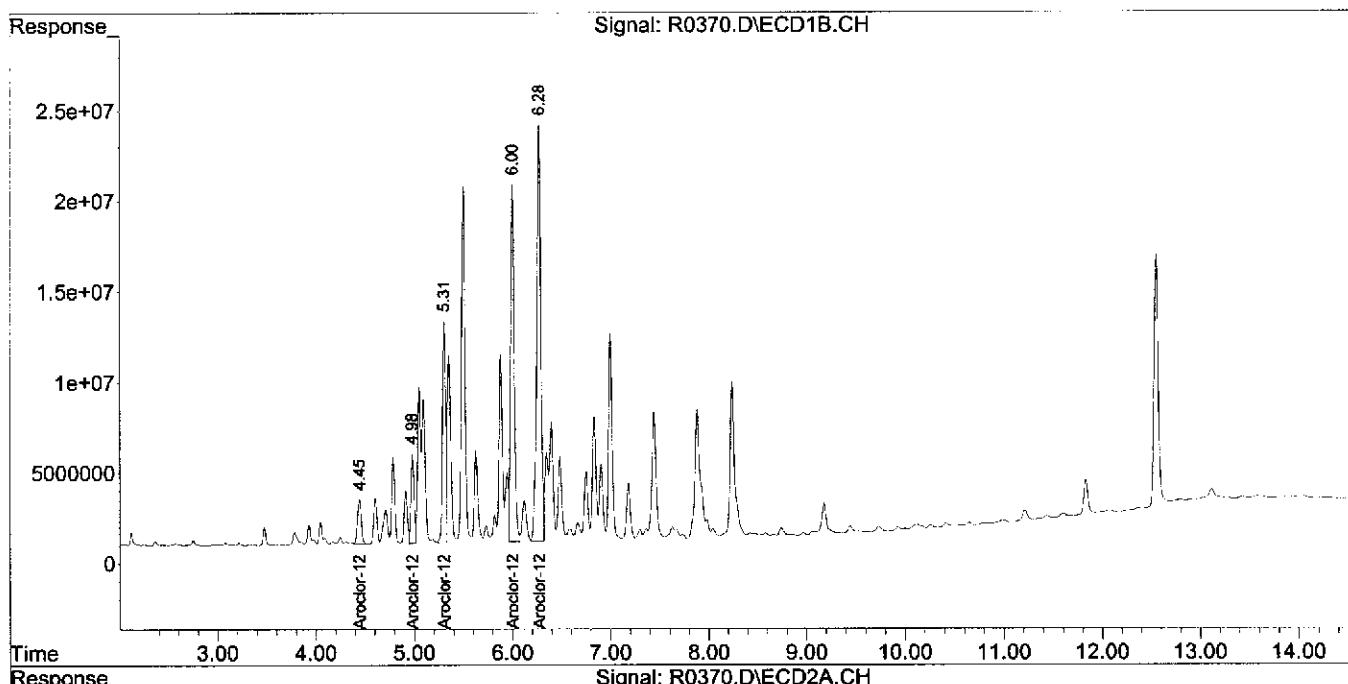
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
Data File : R0370.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 May 2013 3:03
Operator : JS
Sample : H-36S_(0-2,04119-005,S,5.60g,25.3,05/07/13,4
Misc : 130507-18,05/03/13,05/03/13,400
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 20 15:27:28 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0516.M
Quant Title :
QLast Update : Fri May 17 09:43:17 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8490.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 17 May 2013 20:23
 Operator : NG
 Sample : H-36S_(4.0,04119-006,S,5.00g,36.1,05/07/13,4
 Misc : 130507-19,05/03/13,05/03/13,1
 ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 18 19:48:04 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

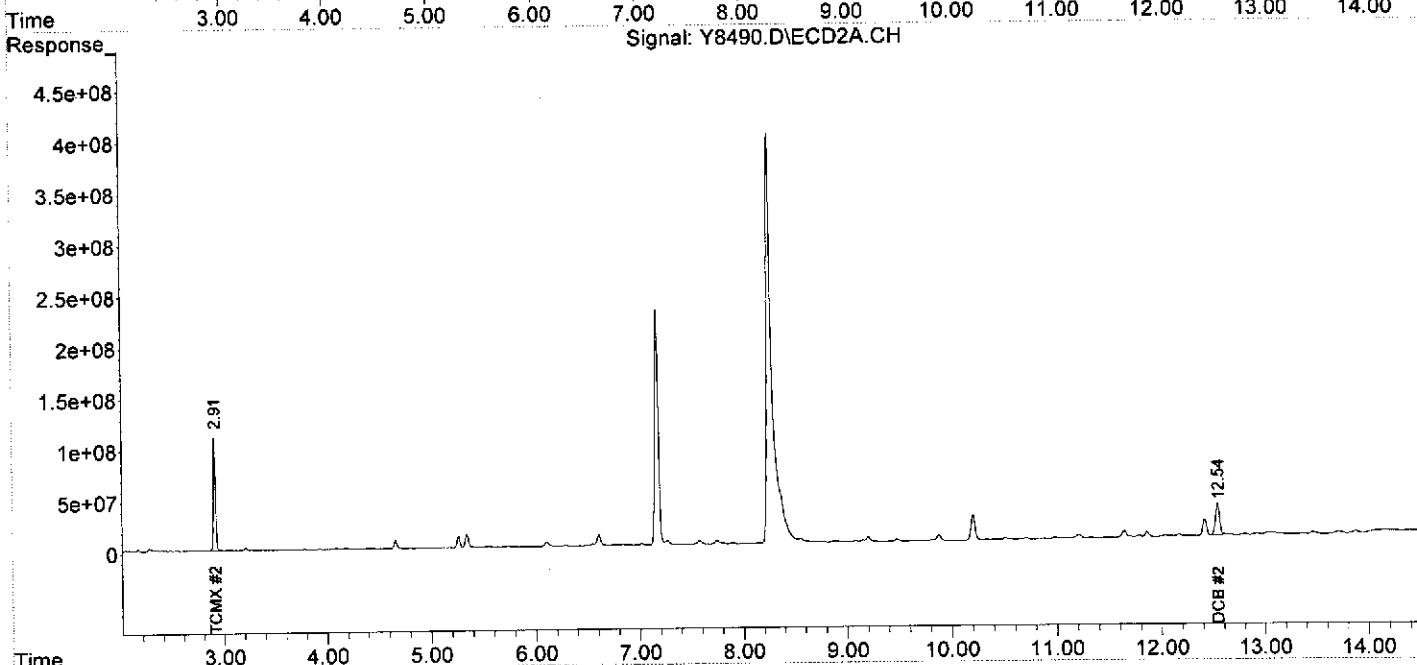
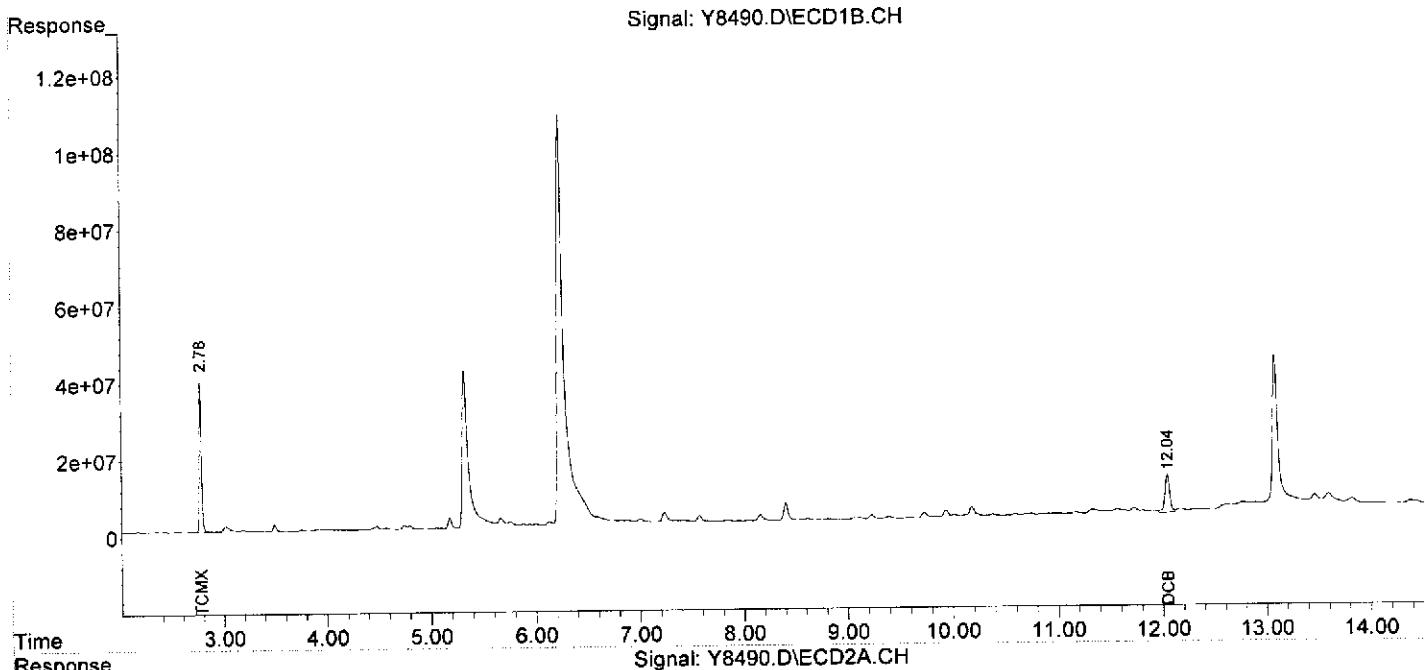
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.78	2.91	573.2E6	1610.5E6	158.355	204.500 #
Spiked Amount	200.000			Recovery	= 79.18%	102.25%
2) S DCB	12.04	12.54	321.1E6	855.9E6	231.069	241.741m
Spiked Amount	200.000			Recovery	= 115.53%	120.87%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
Data File : Y8490.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 May 2013 20:23
Operator : NG
Sample : H-36S_(4.0,04119-006,S,5.00g,36.1,05/07/13,4
Misc : 130507-19,05/03/13,05/03/13,1
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 18 19:48:04 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
Quant Title :
QLast Update : Sat May 18 18:00:38 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8491.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 17 May 2013 20:41
 Operator : NG
 Sample : H-36E_(0-2,04119-007,S,5.00g,22.6,05/07/13,4
 Misc : 130507-19,05/03/13,05/03/13,1000
 ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 18 19:49:44 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

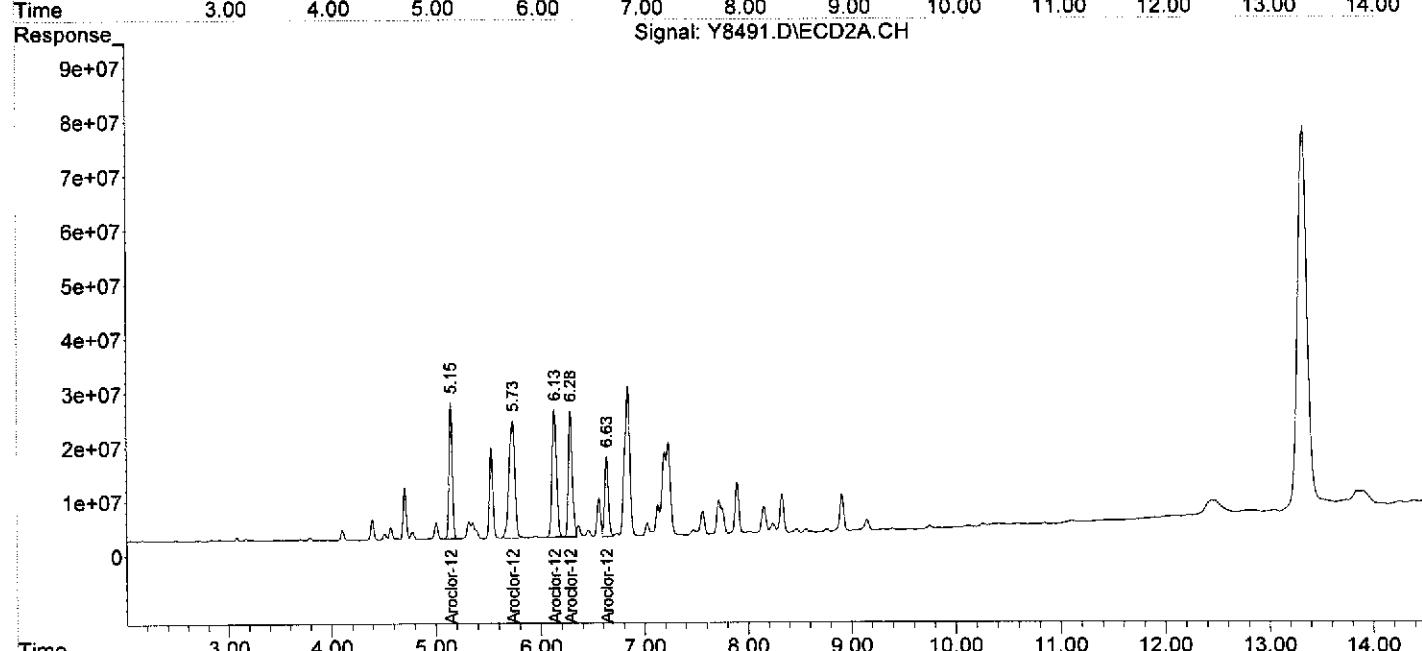
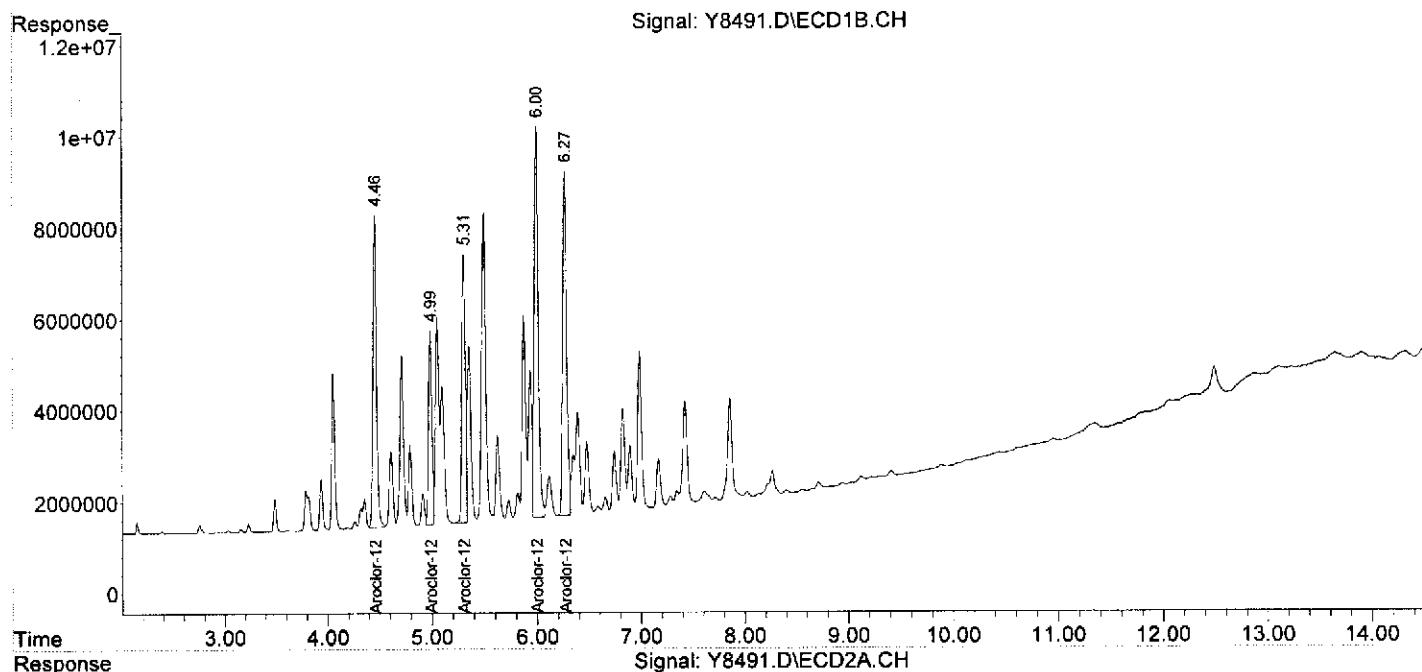
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
(23) L6 Aroclor-1248	4.46	5.15	160.7E6	539.7E6	957.437	996.565	
(24) L6 Aroclor-1248	{2}	4.99	5.73	95903098	847.2E6	863.579	1040.326
(25) L6 Aroclor-1248	{3}	5.31	6.13	139.5E6	699.1E6	1017.188	1185.042
(26) L6 Aroclor-1248	{4}	6.00	6.28	229.5E6	608.1E6	1136.487	1198.833
(27) L6 Aroclor-1248	{5}	6.27	6.63	199.8E6	361.9E6	1235.896	1219.044
Sum Aroclor-1248				825.4E6	3056.0E6	5210.586	5639.810
Average Aroclor-1248					1042.117	1127.962	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
Sum Aroclor-1260			0	0	N.D.	N.D.	
Average Aroclor-1260					0.000	0.000	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8491.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 17 May 2013 20:41
 Operator : NG
 Sample : H-36E_(0-2,04119-007,S,5.00g,22.6,05/07/13,4
 Misc : 130507-19,05/03/13,05/03/13,1000
 ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 18 19:49:44 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8492.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 17 May 2013 20:58
 Operator : NG
 Sample : H-36E_(4.0,04119-008,S,5.00g,29.9,05/07/13,4
 Misc : 130507-19,05/03/13,05/03/13,1
 ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 18 19:51:49 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

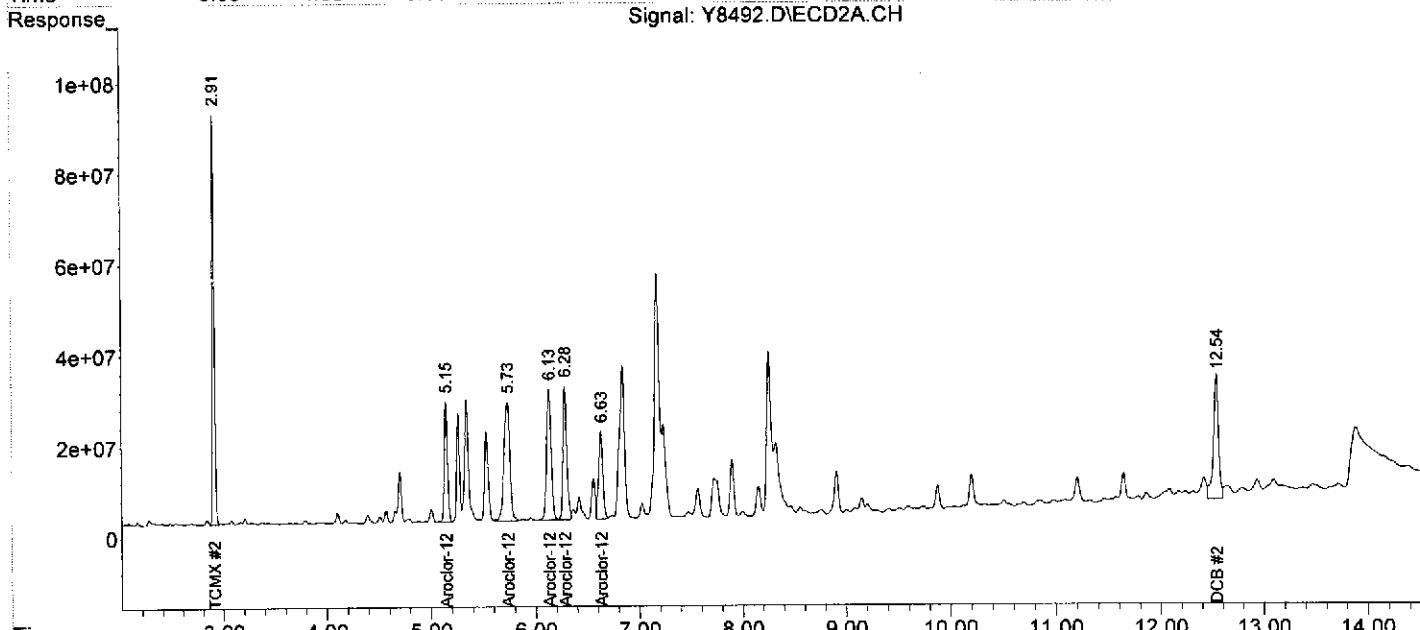
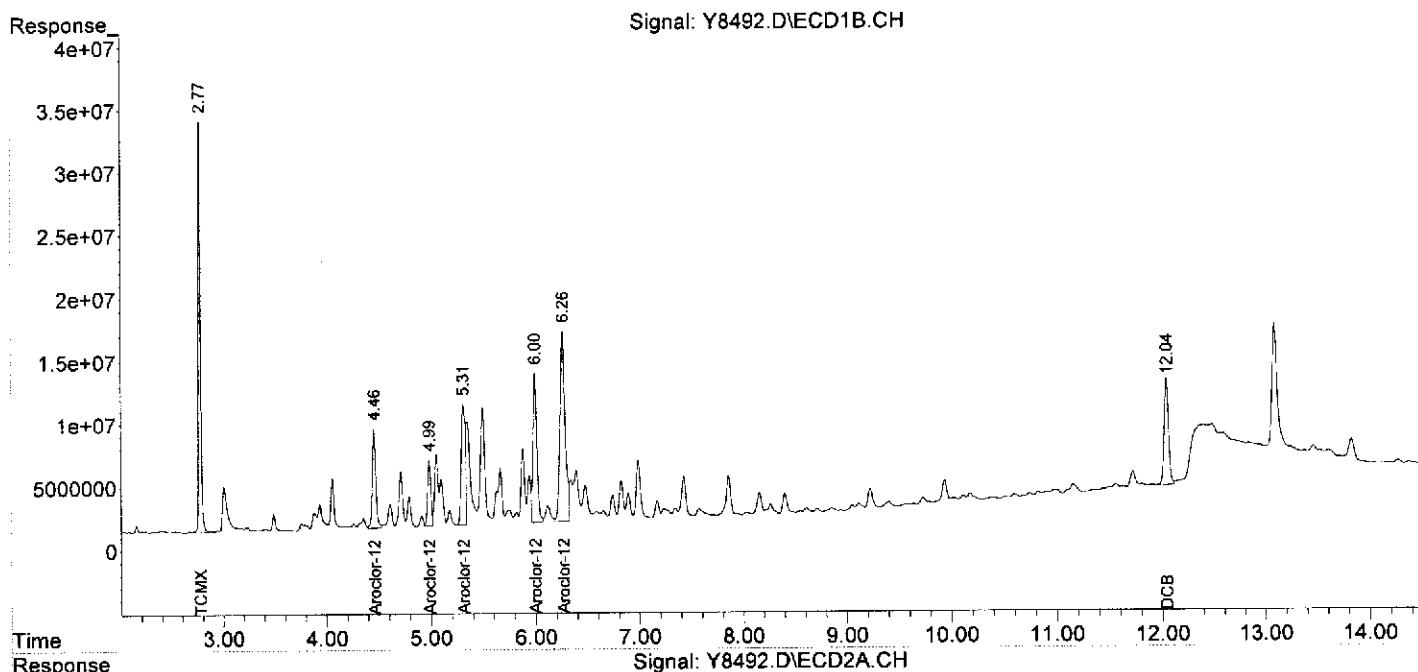
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
1) S TCMX		2.78	2.91	473.1E6	1303.1E6	130.711	165.460 #
Spiked Amount	200.000			Recovery	=	65.36%	82.73%
2) S DCB		12.04	12.54	250.6E6	931.6E6	180.302	263.136 #
Spiked Amount	200.000			Recovery	=	90.15%	131.57%
<hr/>							
System Monitoring Compounds							
1) S Aroclor-1016				0	0	N.D.	N.D.
Average Aroclor-1016						0.000	0.000
Sum Aroclor-1221				0	0	N.D.	N.D.
Average Aroclor-1221						0.000	0.000
Sum Aroclor-1232				0	0	N.D.	N.D.
Average Aroclor-1232						0.000	0.000
Sum Aroclor-1242				0	0	N.D.	N.D.
Average Aroclor-1242						0.000	0.000
23) L6 Aroclor-1248		4.46	5.15	182.1E6	560.3E6	1084.941	1034.665
24) L6 Aroclor-1248	{2}	4.99	5.73	114.0E6	1027.1E6	1026.207	1261.175
25) L6 Aroclor-1248	{3}	5.31	6.13	268.4E6	883.9E6	1956.435	1498.314
26) L6 Aroclor-1248	{4}	6.00	6.28	304.7E6	749.5E6	1508.877	1477.781
27) L6 Aroclor-1248	{5}	6.26	6.63	520.0E6	541.3E6	3216.664	1823.142 #
Sum Aroclor-1248				1389.1E6	3762.1E6	8793.124	7095.077
Average Aroclor-1248						1758.625	1419.015
Sum Aroclor-1254				0	0	N.D.	N.D.
Average Aroclor-1254						0.000	0.000
Sum Aroclor-1260				0	0	N.D.	N.D.
Average Aroclor-1260						0.000	0.000
Sum Aroclor-1262				0	0	N.D.	N.D.
Average Aroclor-1262						0.000	0.000
Sum Aroclor-1268				0	0	N.D.	N.D.
Average Aroclor-1268						0.000	0.000
<hr/>							

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
Data File : Y8492.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 May 2013 20:58
Operator : NG
Sample : H-36E_(4.0,04119-008,S,5.00g,29.9,05/07/13,4
Misc : 130507-19,05/03/13,05/03/13,1
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 18 19:51:49 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
Quant Title :
QLast Update : Sat May 18 18:00:38 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8493.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 17 May 2013 21:15
 Operator : NG
 Sample : J-36W_(0-2,04119-009,S,5.00g,13.4,05/07/13,4
 Misc : 130507-19,05/03/13,05/03/13,1000
 ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 18 19:53:01 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

Target Compounds

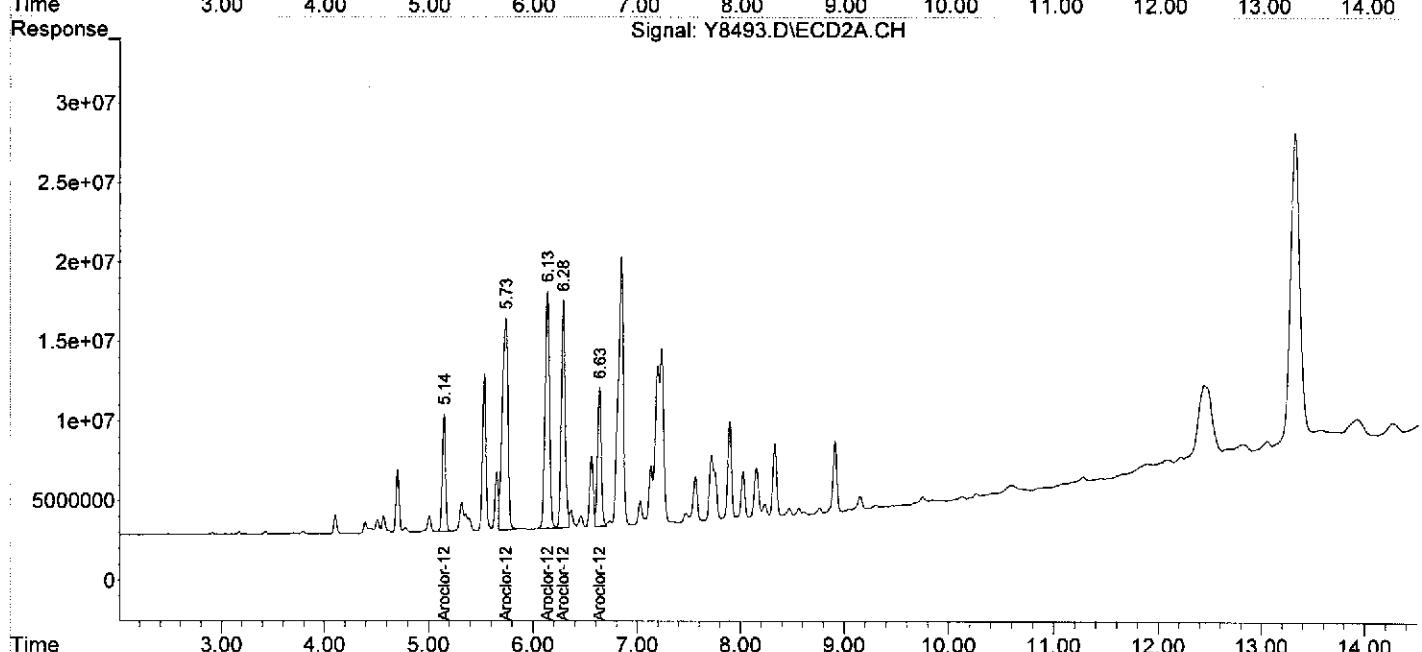
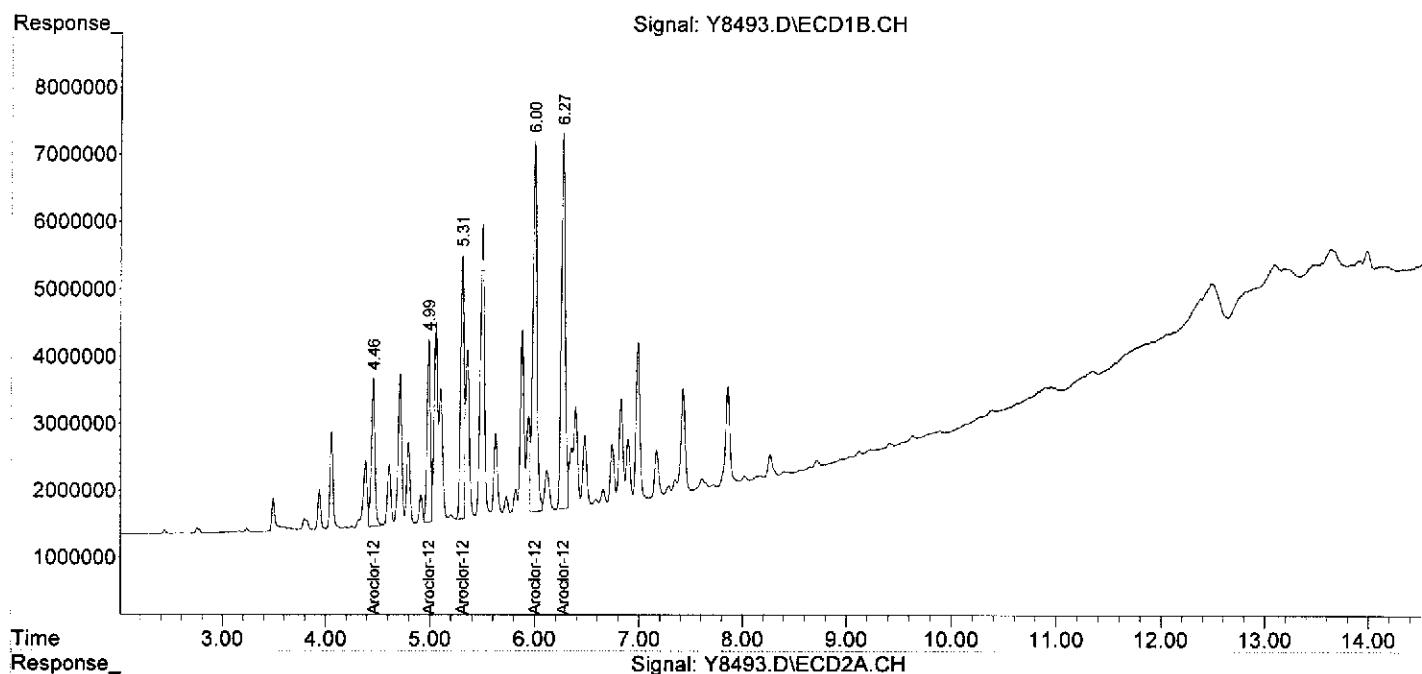
Sum Aroclor-1016		0	0	N.D.	N.D.		
Average Aroclor-1016				0.000	0.000		
Sum Aroclor-1221		0	0	N.D.	N.D.		
Average Aroclor-1221				0.000	0.000		
Sum Aroclor-1232		0	0	N.D.	N.D.		
Average Aroclor-1232				0.000	0.000		
Sum Aroclor-1242		0	0	N.D.	N.D.		
Average Aroclor-1242				0.000	0.000		
23) L6 Aroclor-1248	4.46	5.15	52947671	159.8E6	315.426	295.180	
24) L6 Aroclor-1248	{2}	4.99	5.73	60895071	507.3E6	548.342	622.854
25) L6 Aroclor-1248	{3}	5.31	6.13	89433655	442.8E6	651.953	750.596
26) L6 Aroclor-1248	{4}	6.00	6.28	148.7E6	371.2E6	736.307	731.854
27) L6 Aroclor-1248	{5}	6.27	6.63	148.2E6	217.2E6	917.021	731.586
Sum Aroclor-1248				500.2E6	1698.3E6	3169.049	3132.070
Average Aroclor-1248						633.810	626.414
Sum Aroclor-1254		0	0	N.D.	N.D.		
Average Aroclor-1254				0.000	0.000		
Sum Aroclor-1260		0	0	N.D.	N.D.		
Average Aroclor-1260				0.000	0.000		
Sum Aroclor-1262		0	0	N.D.	N.D.		
Average Aroclor-1262				0.000	0.000		
Sum Aroclor-1268		0	0	N.D.	N.D.		
Average Aroclor-1268				0.000	0.000		

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
Data File : Y8493.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 May 2013 21:15
Operator : NG
Sample : J-36W (0-2,04119-009,S,5.00g,13.4,05/07/13,4
Misc : 130507-19,05/03/13,05/03/13,1000
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 18 19:53:01 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
Quant Title :
QLast Update : Sat May 18 18:00:38 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8494.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 17 May 2013 21:33
 Operator : NG
 Sample : J-36W_(2.0,04119-010,S,5.00g,11.7,05/07/13,4
 Misc : 130507-19,05/03/13,05/03/13,1
 ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 09:54:18 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

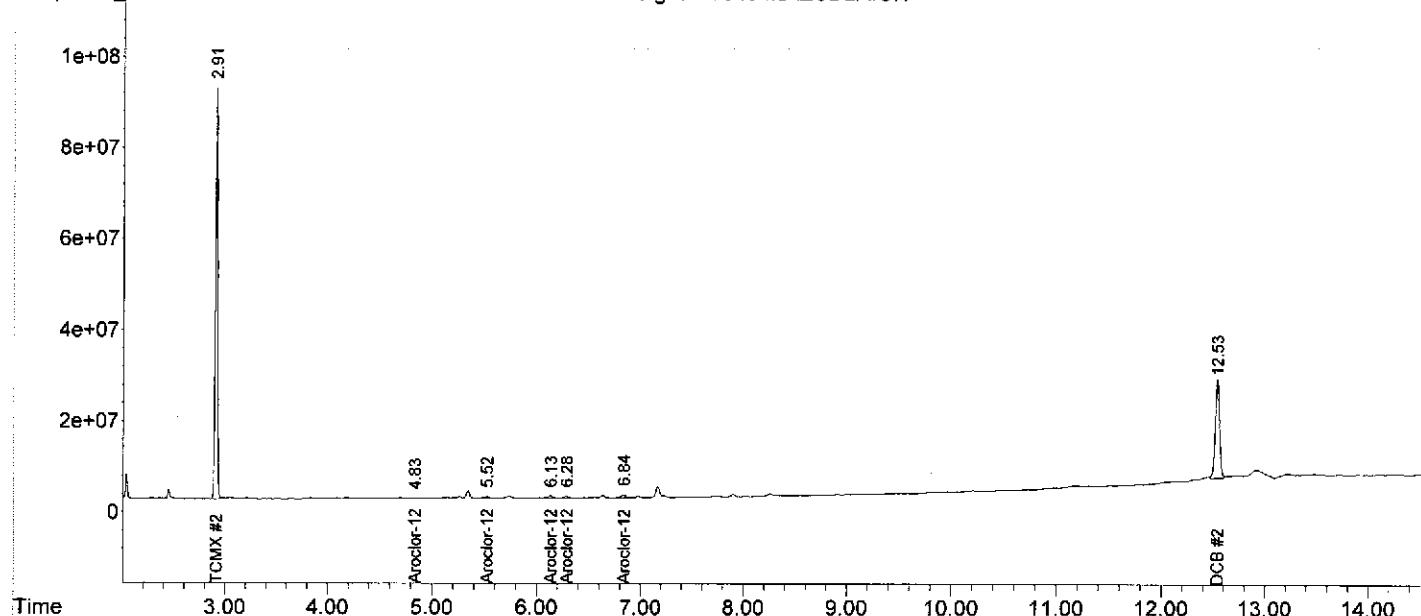
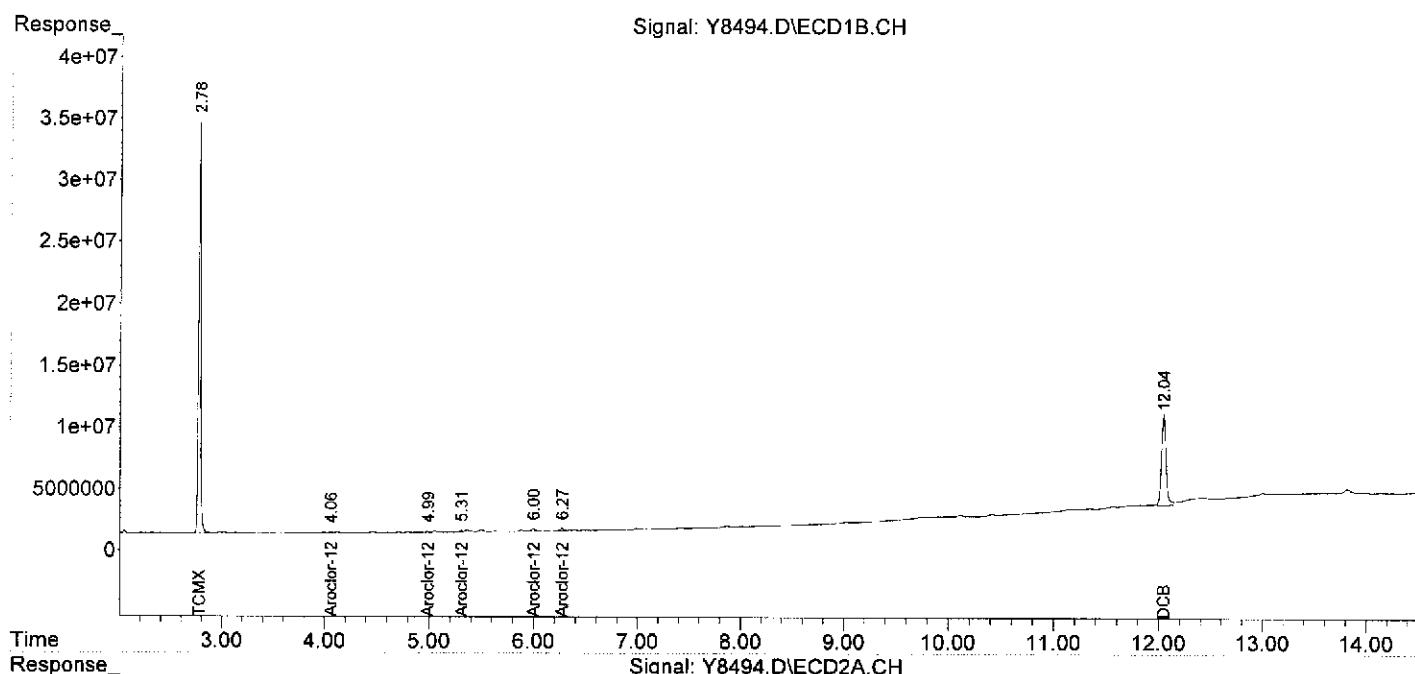
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.78	2.91	483.8E6	1319.2E6	133.665	167.508 #
Spiked Amount	200.000			Recovery	= 66.83%	83.75%
2) S DCB	12.04	12.53	221.8E6	636.2E6	159.618m	179.688m
Spiked Amount	200.000			Recovery	= 79.81%	89.84%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
18) L5 Aroclor-1242	4.06	4.83	1981221	2955950	25.987	20.442
19) L5 Aroclor-1242	{2}	4.99	5.52	2069494	12404208	35.688
20) L5 Aroclor-1242	{3}	5.31	6.13	3001794	16722096	38.679
21) L5 Aroclor-1242	{4}	6.00	6.28	5327997	10812078	49.344m
22) L5 Aroclor-1242	{5}	6.27	6.84	5663815	20564649	58.753
Sum Aroclor-1242				18044321	63458981	35.371 #
Average Aroclor-1242					208.452	189.326
					41.690	37.865
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
Data File : Y8494.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 May 2013 21:33
Operator : NG
Sample : J-36W (2.0,04119-010,S,5.00g,11.7,05/07/13,4
Misc : 130507-19,05/03/13,05/03/13,1
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 20 09:54:18 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
Quant Title :
QLast Update : Sat May 18 18:00:38 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8495.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 17 May 2013 21:50
 Operator : NG
 Sample : J-35S_(2.0,04119-011,S,5.00g,26.2,05/07/13,4
 Misc : 130507-19,05/03/13,05/03/13,1
 ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 09:58:34 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.78	2.91	524.6E6	1446.6E6	144.936	183.689 #
Spiked Amount	200.000			Recovery	= 72.47%	91.84%
2) S DCB	12.04	12.54	270.4E6	865.3E6	194.584	244.410 #
Spiked Amount	200.000			Recovery	= 97.29%	122.21%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
18) L5 Aroclor-1242	4.99f	0.00	3618690	0	47.466m	N.D. d#
19) L5 Aroclor-1242	{2}	0.00	5.53	0	7713661	N.D. d 29.969 #
20) L5 Aroclor-1242	{3}	5.31	6.13	3679210	21258313	47.408 61.312 #
21) L5 Aroclor-1242	{4}	6.00	6.28	11756853	20903182	108.883 71.706 #
22) L5 Aroclor-1242	{5}	6.27	6.81	11066966	50641342	114.803 87.104
Sum Aroclor-1242				30121719	100.5E6	318.560 250.091
Average Aroclor-1242					79.640	62.523
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.27	7.90	22910151	39482610	54.764	84.346m#
34) L8 Aroclor-1260	{2}	8.94	8.15	9607008	52273250	44.445 76.036 #
35) L8 Aroclor-1260	{3}	9.41	9.75	31463334	35866583	65.335 59.179
36) L8 Aroclor-1260	{4}	9.90	10.25	10425259	70234457	40.041 54.414 #
37) L8 Aroclor-1260	{5}	10.95	10.84	11883707	66344807	101.129 71.644 #
Sum Aroclor-1260				86289460	264.2E6	305.715 345.619
Average Aroclor-1260					61.143	69.124
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
Data File : Y8495.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 May 2013 21:50
Operator : NG
Sample : J-35S_(2.0,04119-011,S,5.00g,26.2,05/07/13,4
Misc : 130507-19,05/03/13,05/03/13,1
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 20 09:58:34 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
Quant Title :
QLast Update : Sat May 18 18:00:38 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

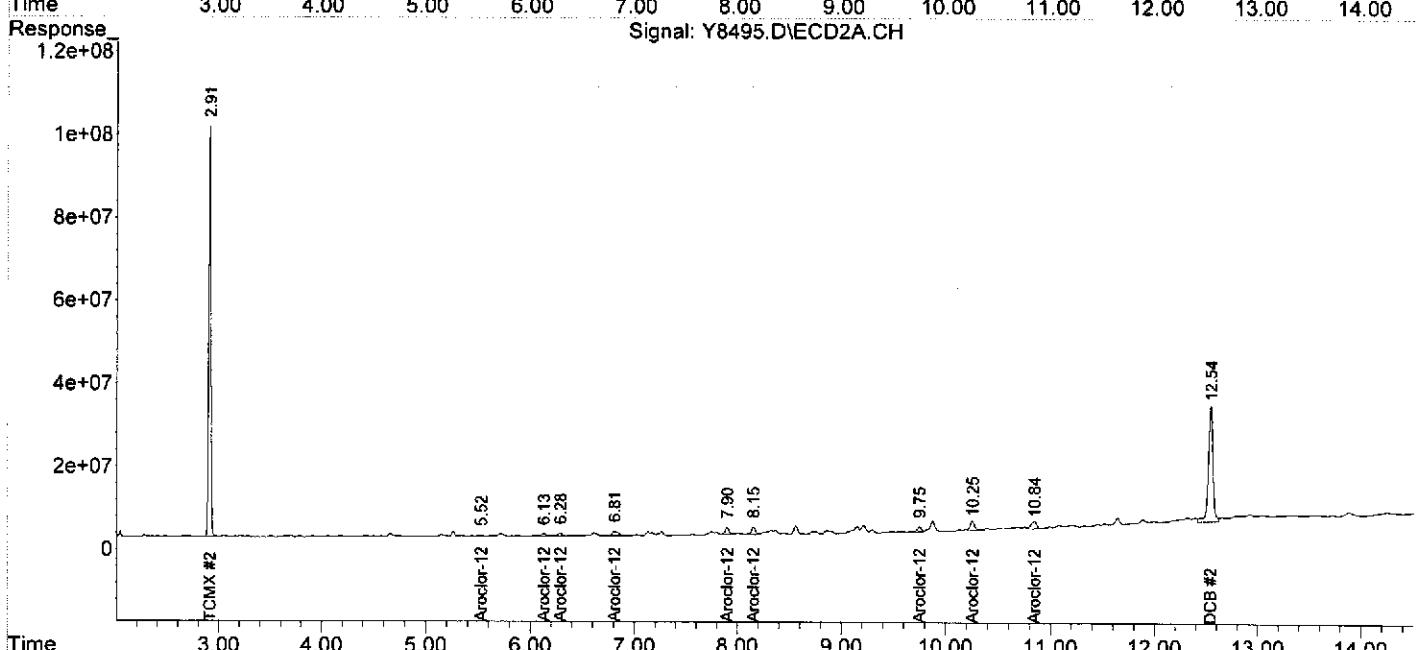
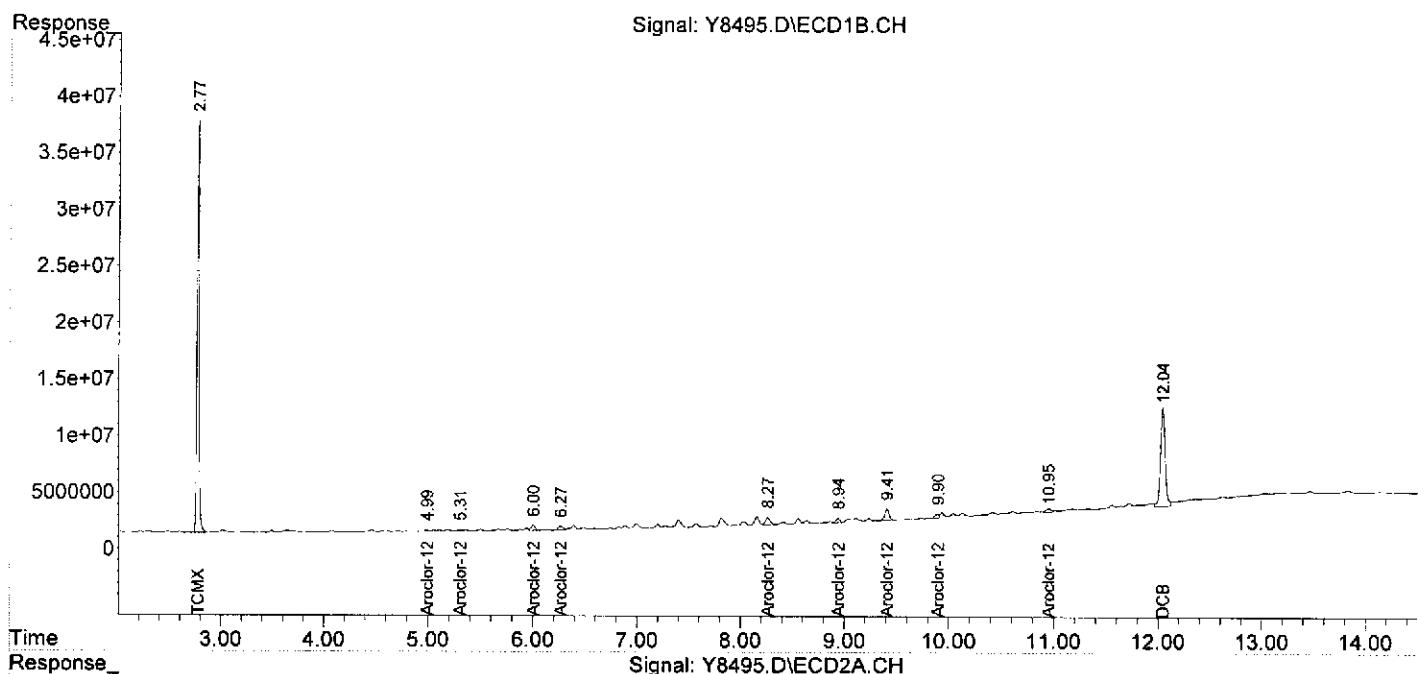
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8495.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 17 May 2013 21:50
 Operator : NG
 Sample : J-35S_(2.0,04119-011,S,5.00g,26.2,05/07/13,4
 Misc : 130507-19,05/03/13,05/03/13,1
 ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 09:58:34 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8496.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 17 May 2013 22:08
 Operator : NG
 Sample : J-36E_(0-2,04119-012,S,5.00g,13.8,05/07/13,4
 Misc : 130507-19,05/03/13,05/03/13,20
 ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 11:07:25 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
1)	S TCMX	2.78	2.91	35073288	98287297	9.690	12.480 #
	Spiked Amount	200.000			Recovery	=	4.84% 6.24%
2)	S DCB	12.04	12.53	15522359	36257753	11.170m	10.241m
	Spiked Amount	200.000			Recovery	=	5.59% 5.12%
<hr/>							
Target Compounds							
	Sum Aroclor-1016			0	0	N.D.	N.D.
	Average Aroclor-1016					0.000	0.000
	Sum Aroclor-1221			0	0	N.D.	N.D.
	Average Aroclor-1221					0.000	0.000
	Sum Aroclor-1232			0	0	N.D.	N.D.
	Average Aroclor-1232					0.000	0.000
	Sum Aroclor-1242			0	0	N.D.	N.D.
	Average Aroclor-1242					0.000	0.000
23)	L6 Aroclor-1248	4.46	5.14	65656971	206.2E6	391.140	380.838
24)	L6 Aroclor-1248 {2}	4.99	5.73	86435777	737.1E6	778.329	905.085
25)	L6 Aroclor-1248 {3}	5.31	6.13	125.2E6	631.4E6	912.709	1070.316
26)	L6 Aroclor-1248 {4}	6.00	6.28	225.1E6	566.2E6	1114.587	1116.385
27)	L6 Aroclor-1248 {5}	6.27	6.63	342.5E6	331.4E6	2119.016m	1116.320 #
	Sum Aroclor-1248			844.9E6	2472.4E6	5315.781	4588.944
	Average Aroclor-1248					1063.156	917.789
	Sum Aroclor-1254			0	0	N.D.	N.D.
	Average Aroclor-1254					0.000	0.000
	Sum Aroclor-1260			0	0	N.D.	N.D.
	Average Aroclor-1260					0.000	0.000
	Sum Aroclor-1262			0	0	N.D.	N.D.
	Average Aroclor-1262					0.000	0.000
	Sum Aroclor-1268			0	0	N.D.	N.D.
	Average Aroclor-1268					0.000	0.000
<hr/>							

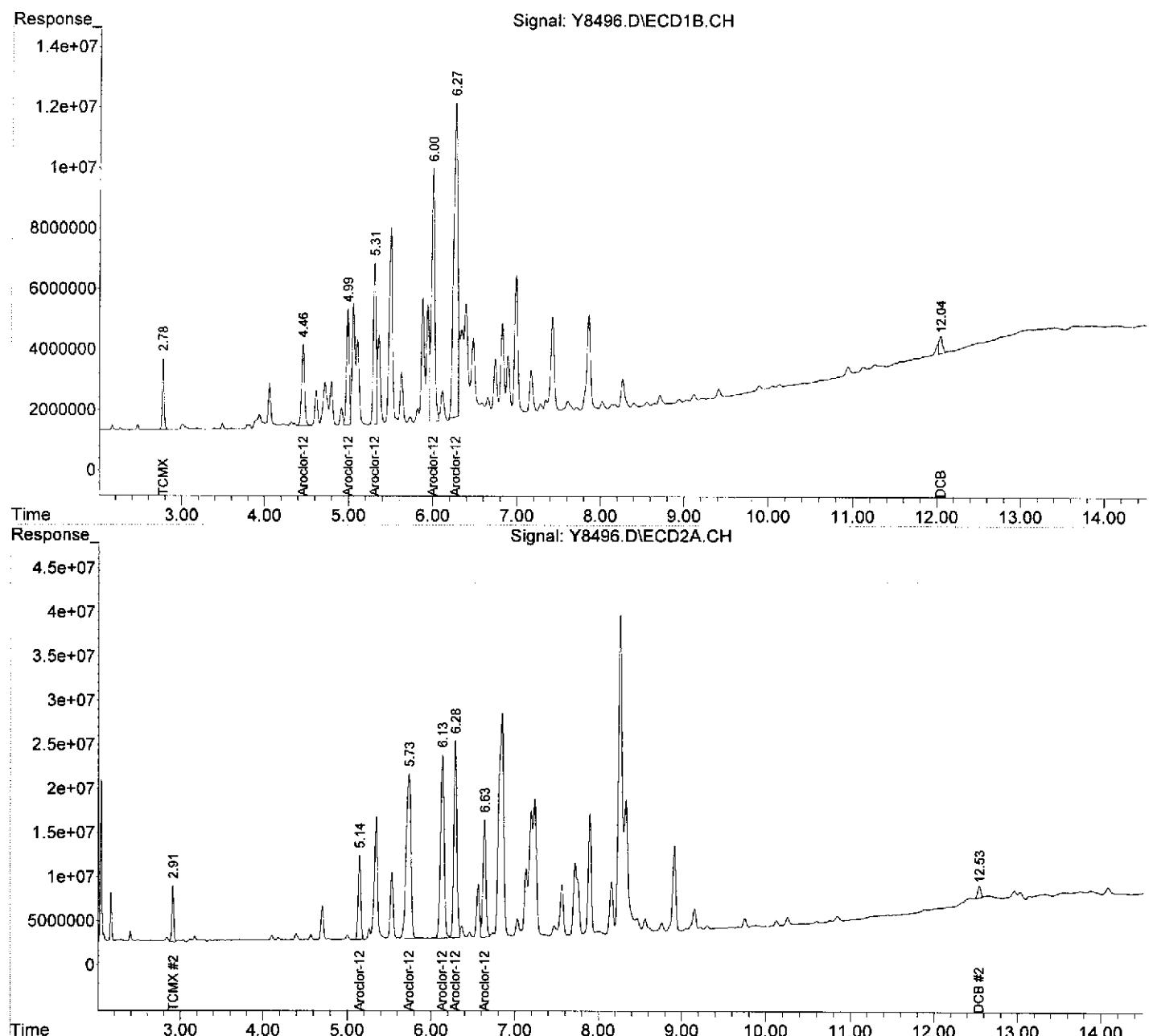
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
Data File : Y8496.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 May 2013 22:08
Operator : NG
Sample : J-36E_(0-2,04119-012,S,5.00g,13.8,05/07/13,4
Misc : 130507-19,05/03/13,05/03/13,20
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 20 11:07:25 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
Quant Title :
QLast Update : Sat May 18 18:00:38 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8497.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 17 May 2013 22:25
 Operator : NG
 Sample : J-36E_(2.0,04119-013,S,5.00g,49.9,05/07/13,4
 Misc : 130507-19,05/03/13,05/03/13,1
 ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 10:05:10 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

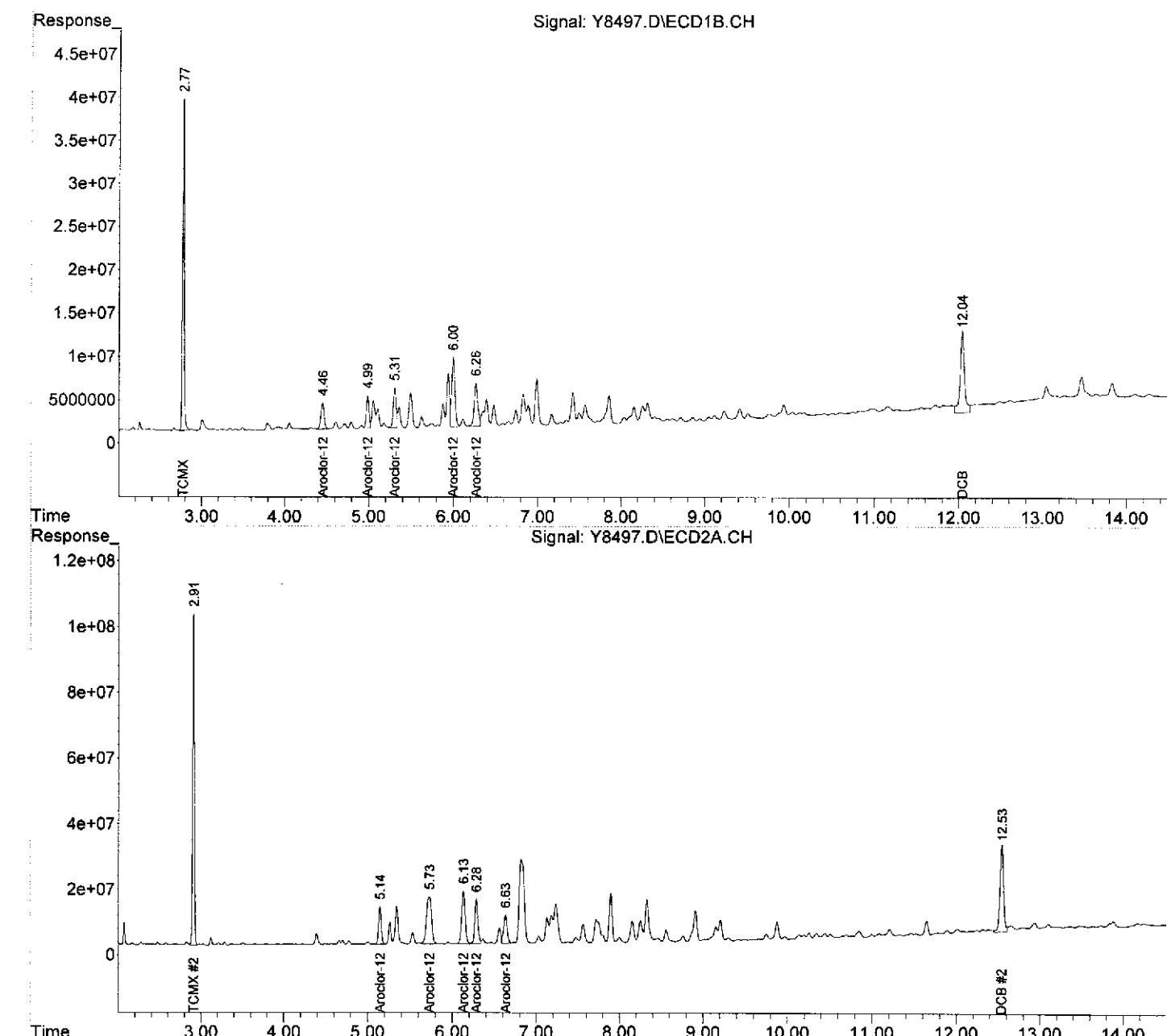
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.78	2.91	552.1E6	1457.2E6	152.535	185.025
Spiked Amount	200.000			Recovery	= 76.27%	92.51%
2) S DCB	12.04	12.54	339.3E6	805.5E6	244.143	227.515
Spiked Amount	200.000			Recovery	= 122.07%	113.76%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.46	5.14	83896673	252.2E6	499.800	465.788
24) L6 Aroclor-1248 {2}	4.99	5.73	84408856	609.5E6	760.077	748.463
25) L6 Aroclor-1248 {3}	5.31	6.13	106.5E6	472.4E6	776.418	800.808
26) L6 Aroclor-1248 {4}	6.00	6.28	207.9E6	349.3E6	1029.598	688.630 #
27) L6 Aroclor-1248 {5}	6.26	6.63	153.2E6	250.8E6	947.552	844.771
Sum Aroclor-1248			635.9E6	1934.3E6	4013.444	3548.460
Average Aroclor-1248					802.689	709.692
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
Data File : Y8497.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 May 2013 22:25
Operator : NG
Sample : J-36E_(2.0,04119-013,S,5.00g,49.9,05/07/13,4
Misc : 130507-19,05/03/13,05/03/13,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 20 10:05:10 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
Quant Title :
QLast Update : Sat May 18 18:00:38 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8498.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 17 May 2013 22:42
 Operator : NG
 Sample : K-35S_(0-2,04119-014,S,5.00g,13.1,05/07/13,4
 Misc : 130507-19,05/03/13,05/03/13,20
 ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 10:06:36 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

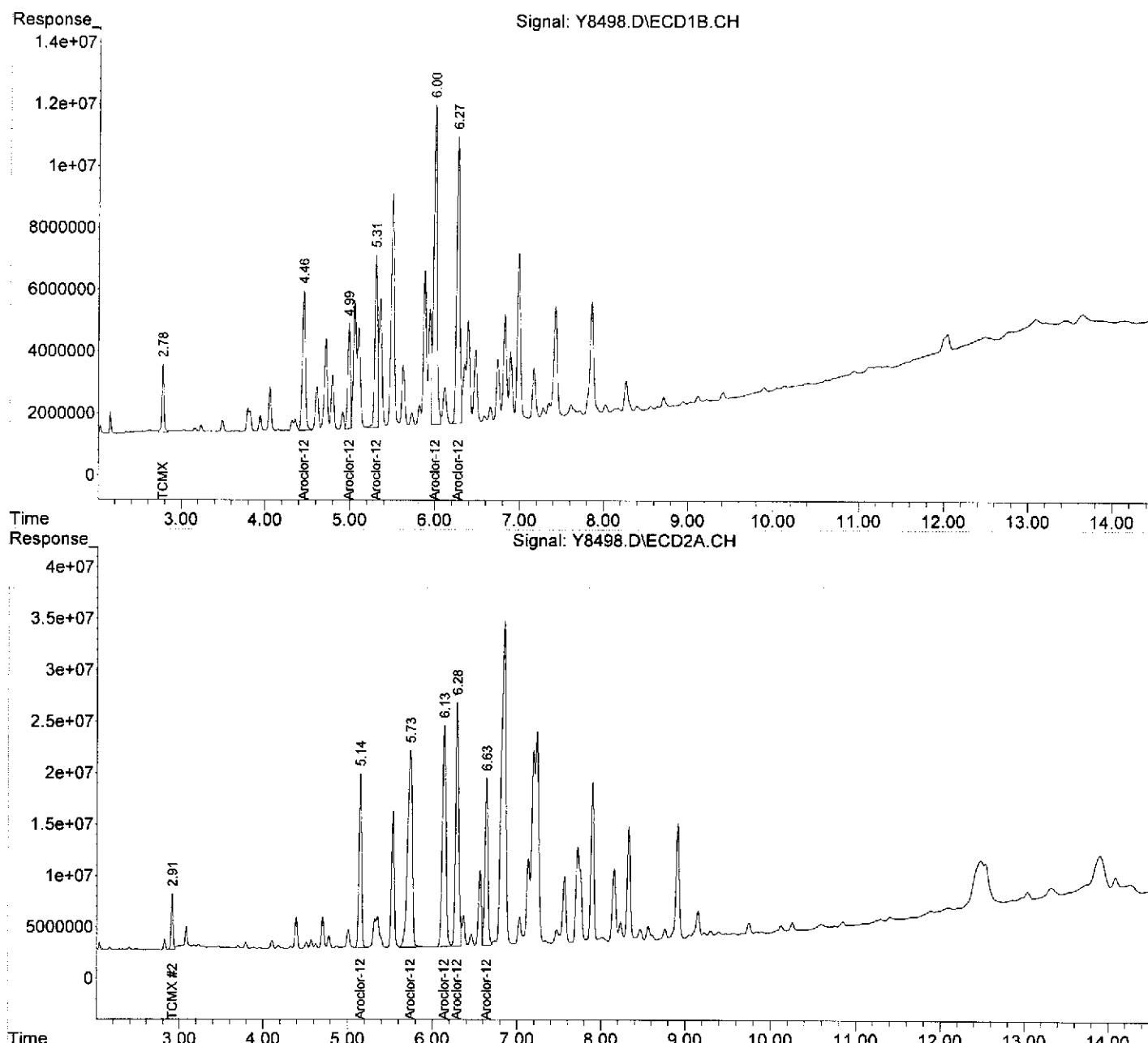
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.78	2.91	37116097	84890310	10.254	10.779
Spiked Amount	200.000			Recovery	= 5.13%	5.39%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.46	5.14	115.9E6	367.1E6	690.394	677.949
24) L6 Aroclor-1248	{2}	4.99	5.74	75510466	737.9E6	679.949
25) L6 Aroclor-1248	{3}	5.31	6.13	129.9E6	654.3E6	946.852
26) L6 Aroclor-1248	{4}	6.00	6.28	278.8E6	613.1E6	1380.693
27) L6 Aroclor-1248	{5}	6.27	6.63	242.4E6	403.9E6	1499.422
Sum Aroclor-1248				842.5E6	2776.2E6	5197.310
Average Aroclor-1248					5262.106	
					1039.462	1052.421
<hr/>						
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
Data File : Y8498.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 May 2013 22:42
Operator : NG
Sample : K-35S_(0-2,04119-014,S,5.00g,13.1,05/07/13,4
Misc : 130507-19,05/03/13,05/03/13,20
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 20 10:06:36 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
Quant Title :
QLast Update : Sat May 18 18:00:38 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8499.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 17 May 2013 23:00
 Operator : NG
 Sample : K-35E_(0-2,04119-015,S,5.00g,6.30,05/07/13,4
 Misc : 130507-19,05/03/13,05/03/13,1
 ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 10:08:23 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

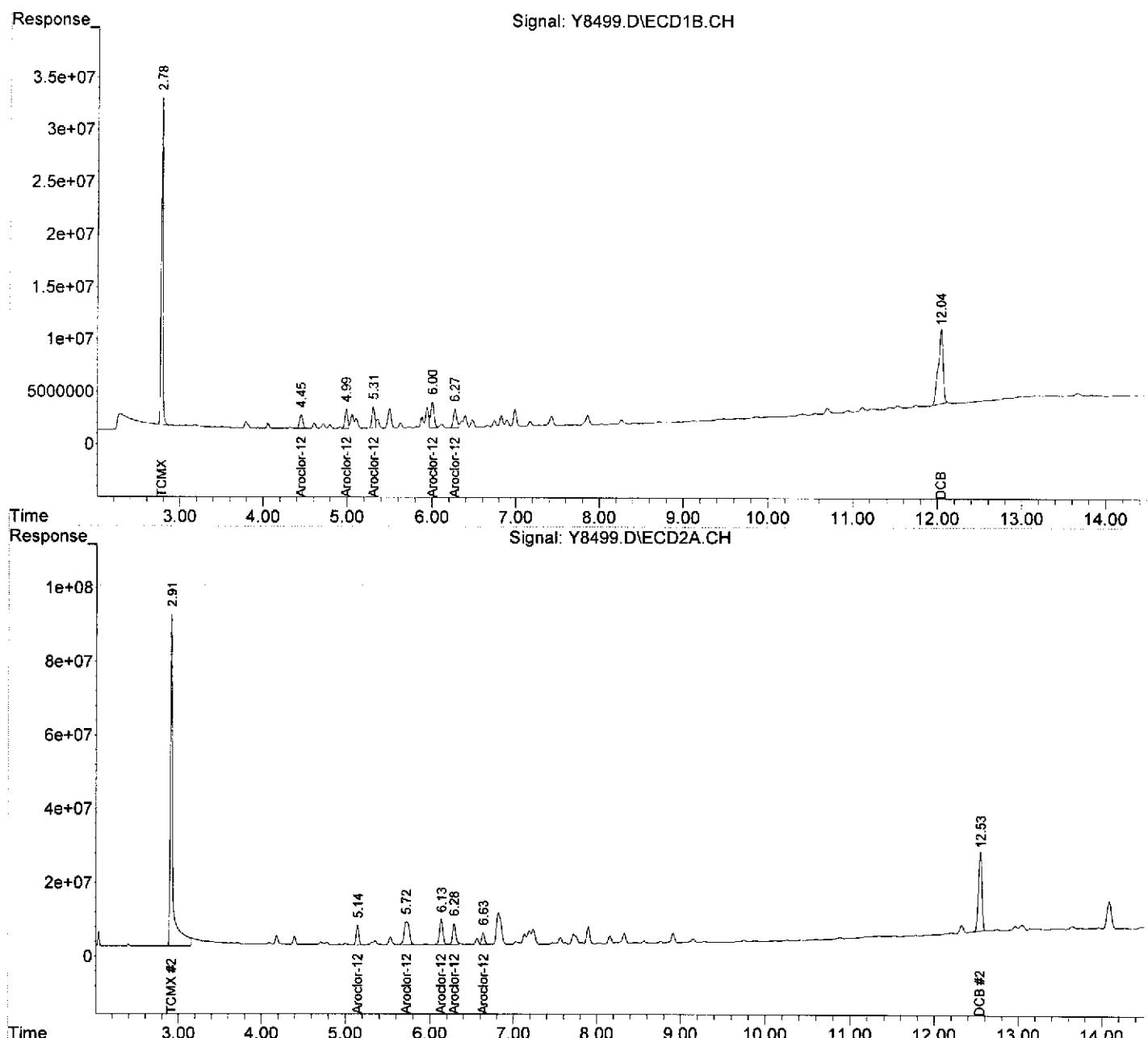
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
1) S TCMX		2.78	2.91	443.8E6	1936.8E6	122.598	245.934 #
Spiked Amount	200.000			Recovery	=	61.30%	122.97%
2) S DCB		12.04	12.53	283.2E6	610.7E6	203.808m	172.476m
Spiked Amount	200.000			Recovery	=	101.90%	86.24%
<hr/>							
Target Compounds							
Sum Aroclor-1016				0	0	N.D.	N.D.
Average Aroclor-1016						0.000	0.000
Sum Aroclor-1221				0	0	N.D.	N.D.
Average Aroclor-1221						0.000	0.000
Sum Aroclor-1232				0	0	N.D.	N.D.
Average Aroclor-1232						0.000	0.000
Sum Aroclor-1242				0	0	N.D.	N.D.
Average Aroclor-1242						0.000	0.000
23) L6 Aroclor-1248	4.45	5.14	37135787	120.2E6	221.230	222.021	
24) L6 Aroclor-1248 {2}	4.99	5.72	41569285	268.9E6	374.319	330.201	
25) L6 Aroclor-1248 {3}	5.31	6.13	48051703	193.3E6	350.287	327.642	
26) L6 Aroclor-1248 {4}	6.00	6.28	69255116	152.9E6	342.939	301.388	
27) L6 Aroclor-1248 {5}	6.27	6.63	48896292	81474078	302.489	274.415	
Sum Aroclor-1248			244.9E6	816.8E6	1591.264	1455.666	
Average Aroclor-1248					318.253	291.133	
Sum Aroclor-1254				0	0	N.D.	N.D.
Average Aroclor-1254						0.000	0.000
Sum Aroclor-1260				0	0	N.D.	N.D.
Average Aroclor-1260						0.000	0.000
Sum Aroclor-1262				0	0	N.D.	N.D.
Average Aroclor-1262						0.000	0.000
Sum Aroclor-1268				0	0	N.D.	N.D.
Average Aroclor-1268						0.000	0.000
<hr/>							

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
Data File : Y8499.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 May 2013 23:00
Operator : NG
Sample : K-35E_(0-2,04119-015,S,5.00g,6.30,05/07/13,4
Misc : 130507-19,05/03/13,05/03/13,1
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 20 10:08:23 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
Quant Title :
QLast Update : Sat May 18 18:00:38 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8500.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 17 May 2013 23:17
 Operator : NG
 Sample : K-35N_(0-2,04119-016,S,5.00g,5.80,05/07/13,4
 Misc : 130507-19,05/03/13,05/03/13,1
 ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 10:11:57 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

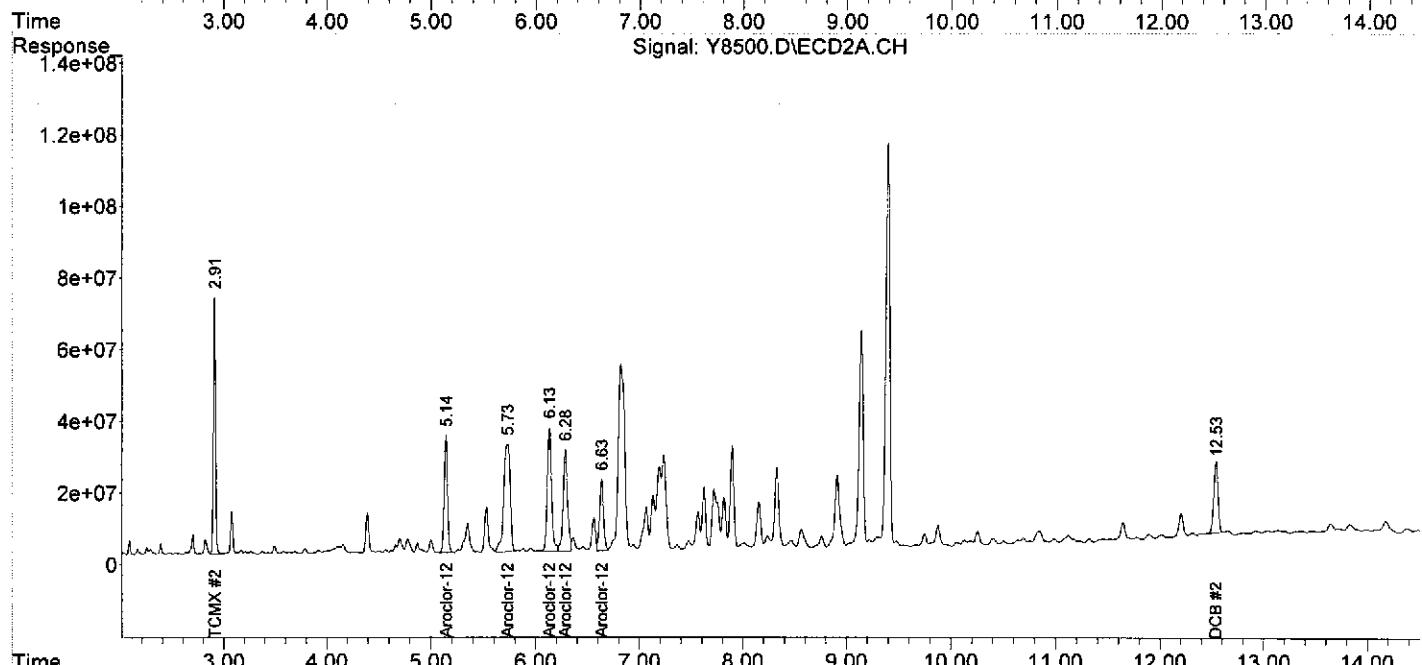
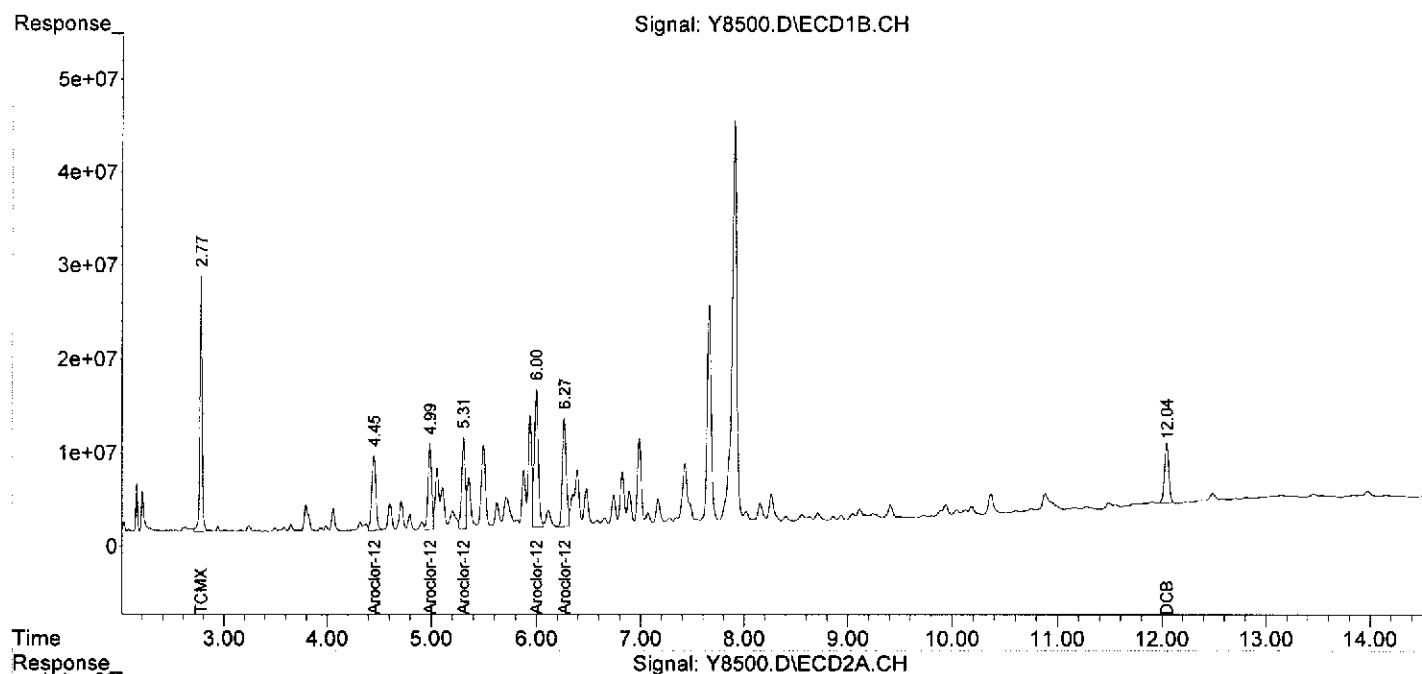
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
1)	System Monitoring Compounds						
1)	S TCMX	2.78	2.91	417.3E6	1047.6E6	115.284	133.016
	Spiked Amount	200.000			Recovery	=	57.64% 66.51%
2)	S DCB	12.04	12.53	184.7E6	567.3E6	132.908m	160.221m
	Spiked Amount	200.000			Recovery	=	66.45% 80.11%
<hr/>							
Target Compounds							
	Sum Aroclor-1016			0	0	N.D.	N.D.
	Average Aroclor-1016					0.000	0.000
	Sum Aroclor-1221			0	0	N.D.	N.D.
	Average Aroclor-1221					0.000	0.000
	Sum Aroclor-1232			0	0	N.D.	N.D.
	Average Aroclor-1232					0.000	0.000
	Sum Aroclor-1242			0	0	N.D.	N.D.
	Average Aroclor-1242					0.000	0.000
23)	L6 Aroclor-1248	4.45	5.14	228.0E6	727.4E6	1358.012	1343.201
24)	L6 Aroclor-1248 {2}	4.99	5.73	221.2E6	1300.0E6	1991.635	1596.220
25)	L6 Aroclor-1248 {3}	5.31	6.13	230.8E6	1015.9E6	1682.136	1722.021
26)	L6 Aroclor-1248 {4}	6.00	6.28	387.8E6	832.9E6	1920.254	1642.119
27)	L6 Aroclor-1248 {5}	6.27	6.63	309.4E6	520.3E6	1914.111	1752.294
	Sum Aroclor-1248			1377.1E6	4396.4E6	8866.148	8055.855
	Average Aroclor-1248					1773.230	1611.171
	Sum Aroclor-1254			0	0	N.D.	N.D.
	Average Aroclor-1254					0.000	0.000
	Sum Aroclor-1260			0	0	N.D.	N.D.
	Average Aroclor-1260					0.000	0.000
	Sum Aroclor-1262			0	0	N.D.	N.D.
	Average Aroclor-1262					0.000	0.000
	Sum Aroclor-1268			0	0	N.D.	N.D.
	Average Aroclor-1268					0.000	0.000
<hr/>							

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8500.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 17 May 2013 23:17
 Operator : NG
 Sample : K-35N (0-2,04119-016,S,5.00g,5.80,05/07/13,4
 Misc : 130507-19,05/03/13,05/03/13,1
 ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 10:11:57 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8501.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 17 May 2013 23:34
 Operator : NG
 Sample : H-36W_(0-2,04119-017,S,5.00g,26.7,05/07/13,4
 Misc : 130507-19,05/03/13,05/03/13,20
 ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 11:08:11 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

1) S TCMX	2.78	2.91	37032763	92011205	10.231	11.683
Spiked Amount	200.000			Recovery	=	5.12% 5.84%

Target Compounds

Sum Aroclor-1016		0	0	N.D.	N.D.
Average Aroclor-1016				0.000	0.000

Sum Aroclor-1221		0	0	N.D.	N.D.
Average Aroclor-1221				0.000	0.000

Sum Aroclor-1232		0	0	N.D.	N.D.
Average Aroclor-1232				0.000	0.000

Sum Aroclor-1242		0	0	N.D.	N.D.
Average Aroclor-1242				0.000	0.000

23) L6 Aroclor-1248	4.46	5.14	80335700	250.4E6	478.586	462.313
24) L6 Aroclor-1248	{2}	4.99	5.73	102.4E6	877.7E6	922.007
25) L6 Aroclor-1248	{3}	5.31	6.13	143.9E6	722.0E6	1049.016
26) L6 Aroclor-1248	{4}	6.00	6.28	294.6E6	585.8E6	1458.644
27) L6 Aroclor-1248	{5}	6.27	6.63	249.3E6	400.8E6	1542.146
Sum Aroclor-1248				870.5E6	2836.6E6	5450.399
Average Aroclor-1248					1090.080	1053.735

Sum Aroclor-1254		0	0	N.D.	N.D.
Average Aroclor-1254				0.000	0.000

Sum Aroclor-1260		0	0	N.D.	N.D.
Average Aroclor-1260				0.000	0.000

Sum Aroclor-1262		0	0	N.D.	N.D.
Average Aroclor-1262				0.000	0.000

Sum Aroclor-1268		0	0	N.D.	N.D.
Average Aroclor-1268				0.000	0.000

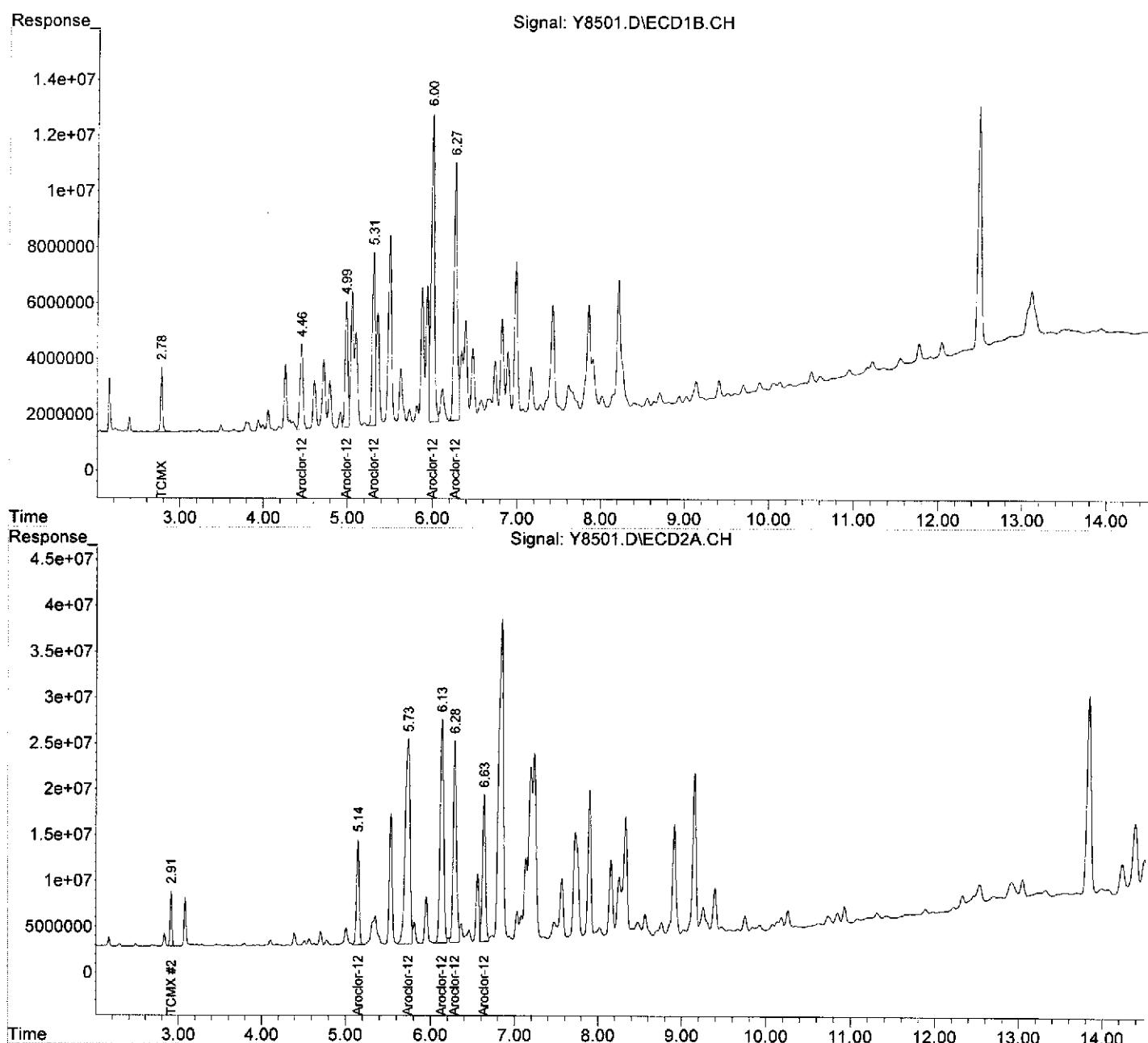
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
Data File : Y8501.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 May 2013 23:34
Operator : NG
Sample : H-36W_(0-2,04119-017,S,5.00g,26.7,05/07/13,4
Misc : 130507-19,05/03/13,05/03/13,20
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 20 11:08:11 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
Quant Title :
QLast Update : Sat May 18 18:00:38 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8502.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 17 May 2013 23:52
 Operator : NG
 Sample : H-36W_(4.0,04119-018,S,5.00g,23.0,05/07/13,4
 Misc : 130507-19,05/03/13,05/03/13,1
 ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 10:16:57 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

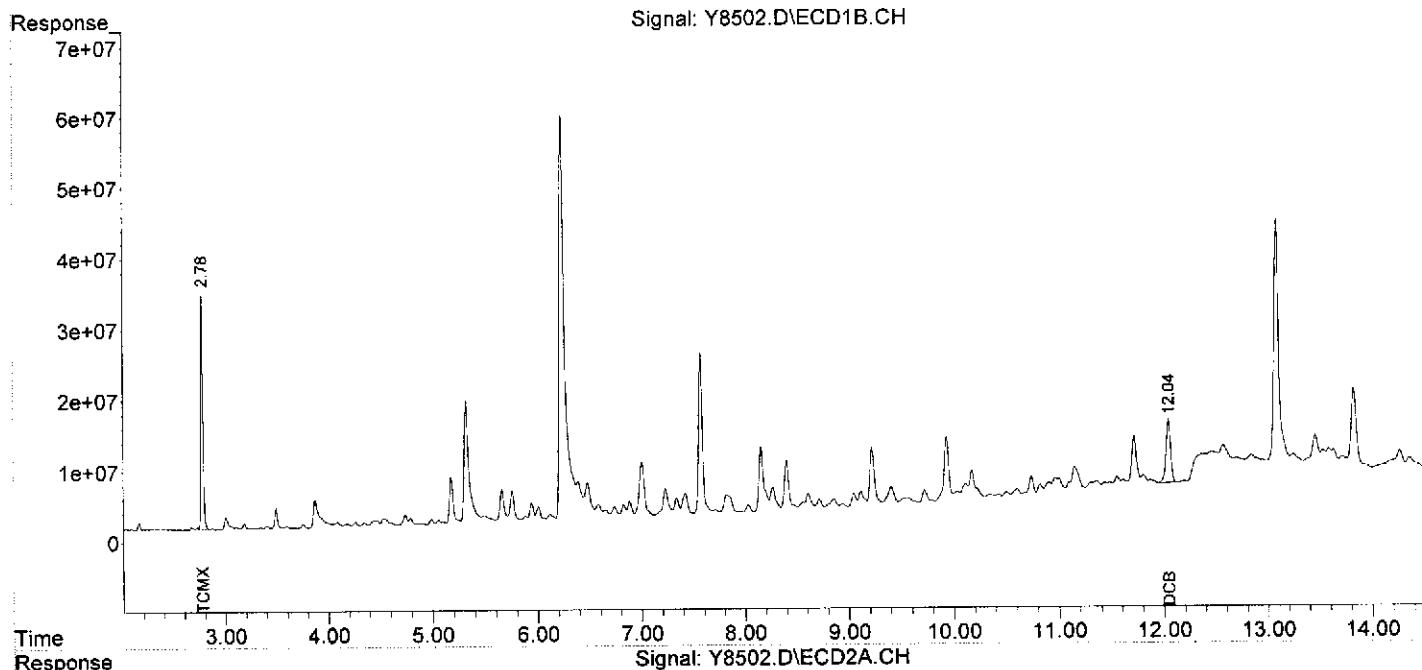
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.78	2.91	476.9E6	1228.1E6	131.766	155.942
Spiked Amount	200.000		Recovery	=	65.88%	77.97%
2) S DCB	12.04	12.53	273.8E6	731.4E6	197.023m	206.571m
Spiked Amount	200.000		Recovery	=	98.51%	103.29%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
Data File : Y8502.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 May 2013 23:52
Operator : NG
Sample : H-36W_(4.0,04119-018,S,5.00g,23.0,05/07/13,4
Misc : 130507-19,05/03/13,05/03/13,1
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 20 10:16:57 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
Quant Title :
QLast Update : Sat May 18 18:00:38 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8503.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 18 May 2013 00:09
 Operator : NG
 Sample : H-36N_(0-2,04119-019,S,5.00g,9.30,05/07/13,4
 Misc : 130507-19,05/03/13,05/03/13,10
 ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 10:19:55 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

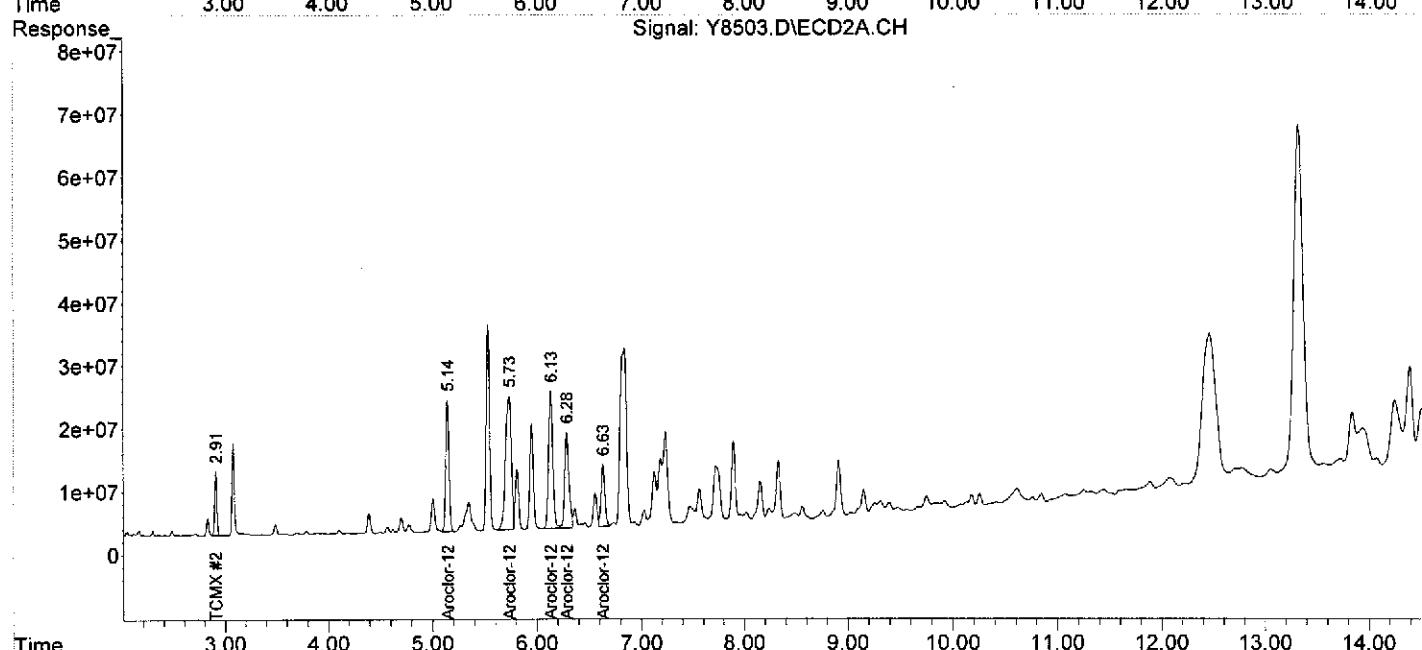
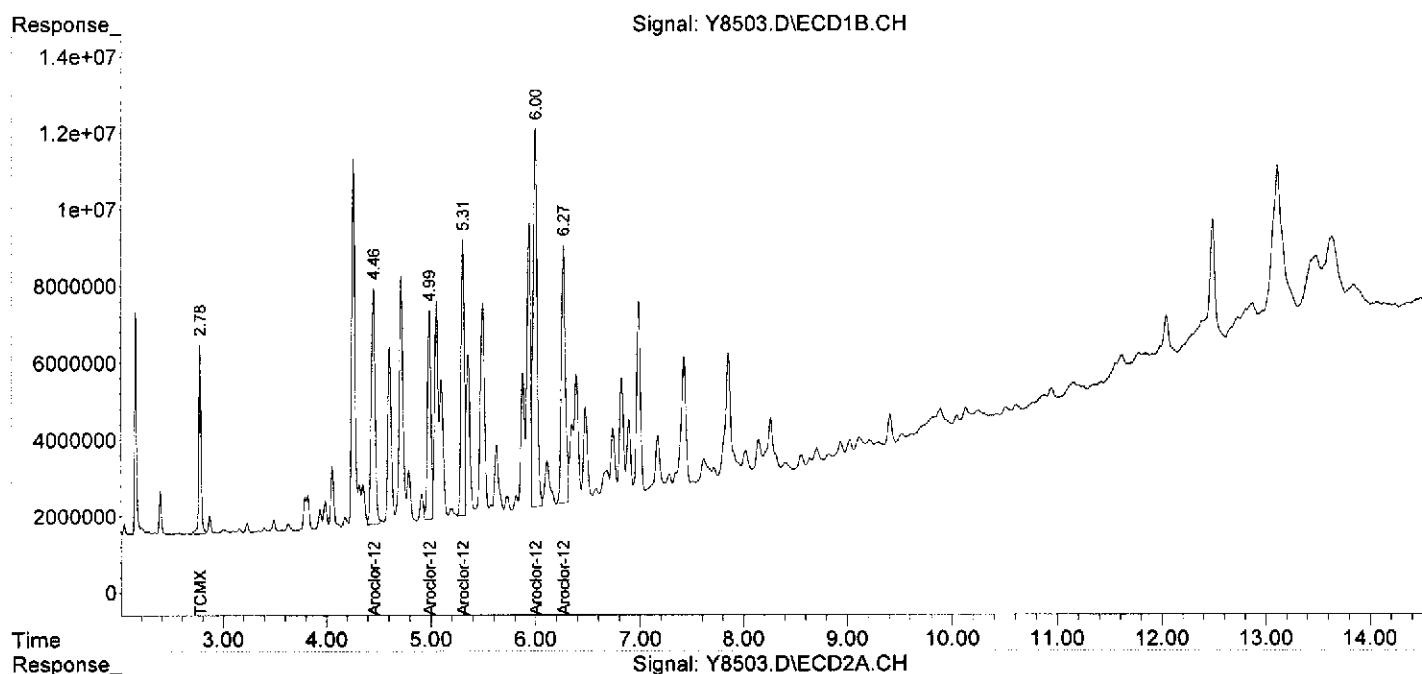
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.78	2.91	75130581	151.0E6	20.757	19.170
Spiked Amount	200.000			Recovery	= 10.38%	9.59%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
(3) L6 Aroclor-1248	4.46	5.14	160.7E6	456.2E6	957.530	842.395
(4) L6 Aroclor-1248	{2}	4.99	5.73	122.0E6	832.2E6	1098.492
(5) L6 Aroclor-1248	{3}	5.31	6.13	162.8E6	619.4E6	1186.719
(6) L6 Aroclor-1248	{4}	6.00	6.28	257.8E6	426.7E6	1276.567
(7) L6 Aroclor-1248	{5}	6.27	6.63	182.5E6	247.5E6	1129.131
Sum Aroclor-1248				885.8E6	2582.0E6	5648.439
Average Aroclor-1248					1129.688	917.813
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
Data File : Y8503.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 May 2013 00:09
Operator : NG
Sample : H-36N (0-2,04119-019,S,5.00g,9.30,05/07/13,4
Misc : 130507-19,05/03/13,05/03/13,10
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 20 10:19:55 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
Quant Title :
QLast Update : Sat May 18 18:00:38 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8504.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 18 May 2013 00:26
 Operator : NG
 Sample : H-36N_(4.0,04119-020,S,5.00g,26.3,05/07/13,4
 Misc : 130507-19,05/03/13,05/03/13,1
 ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 10:21:14 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

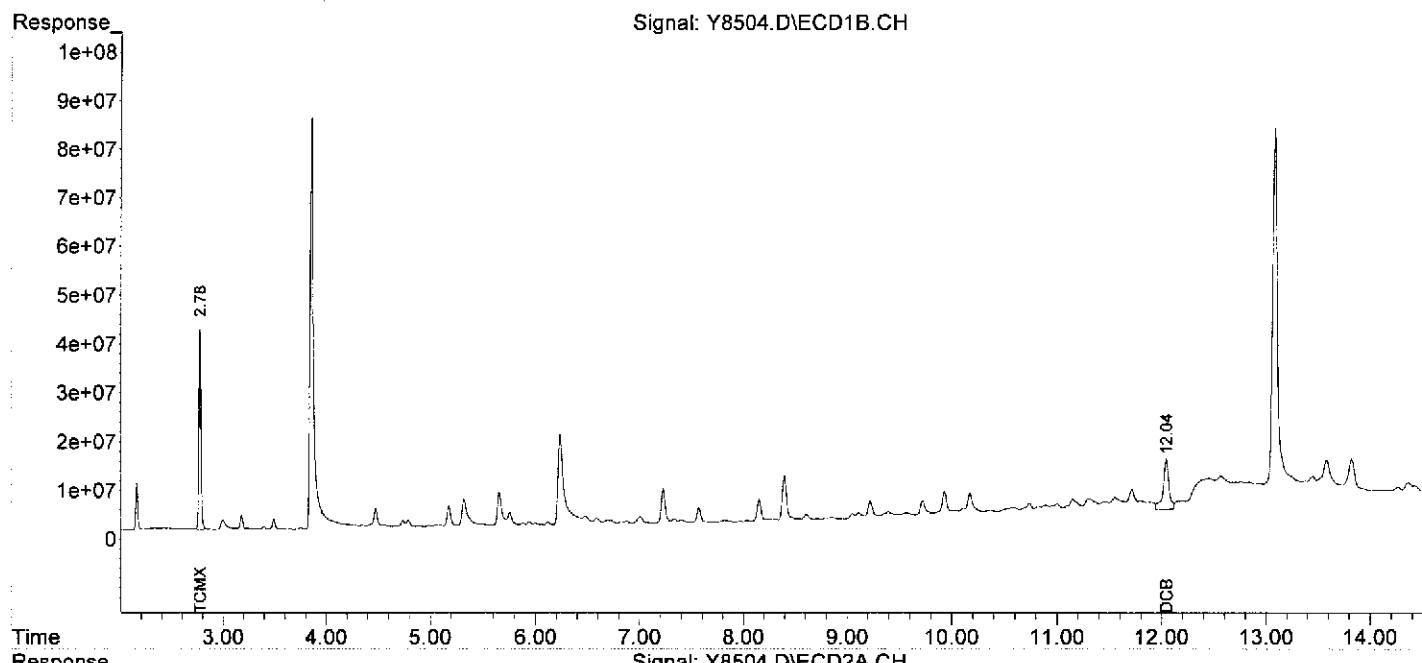
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.78	2.91	603.6E6	1429.6E6	166.755	181.521
Spiked Amount	200.000			Recovery	= 83.38%	90.76%
2) S DCB	12.04	12.53	400.2E6	696.4E6	287.977	196.705m#
Spiked Amount	200.000			Recovery	= 143.99%	98.35%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
Data File : Y8504.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 May 2013 00:26
Operator : NG
Sample : H-36N (4.0,04119-020,S,5.00g,26.3,05/07/13,4
Misc : 130507-19,05/03/13,05/03/13,1
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 20 10:21:14 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
Quant Title :
QLast Update : Sat May 18 18:00:38 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8505.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 18 May 2013 00:44
 Operator : NG
 Sample : I-35W_(2.0,04119-021,S,5.00g,7.80,05/07/13,4
 Misc : 130507-19,05/03/13,05/03/13,1
 ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 10:24:07 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

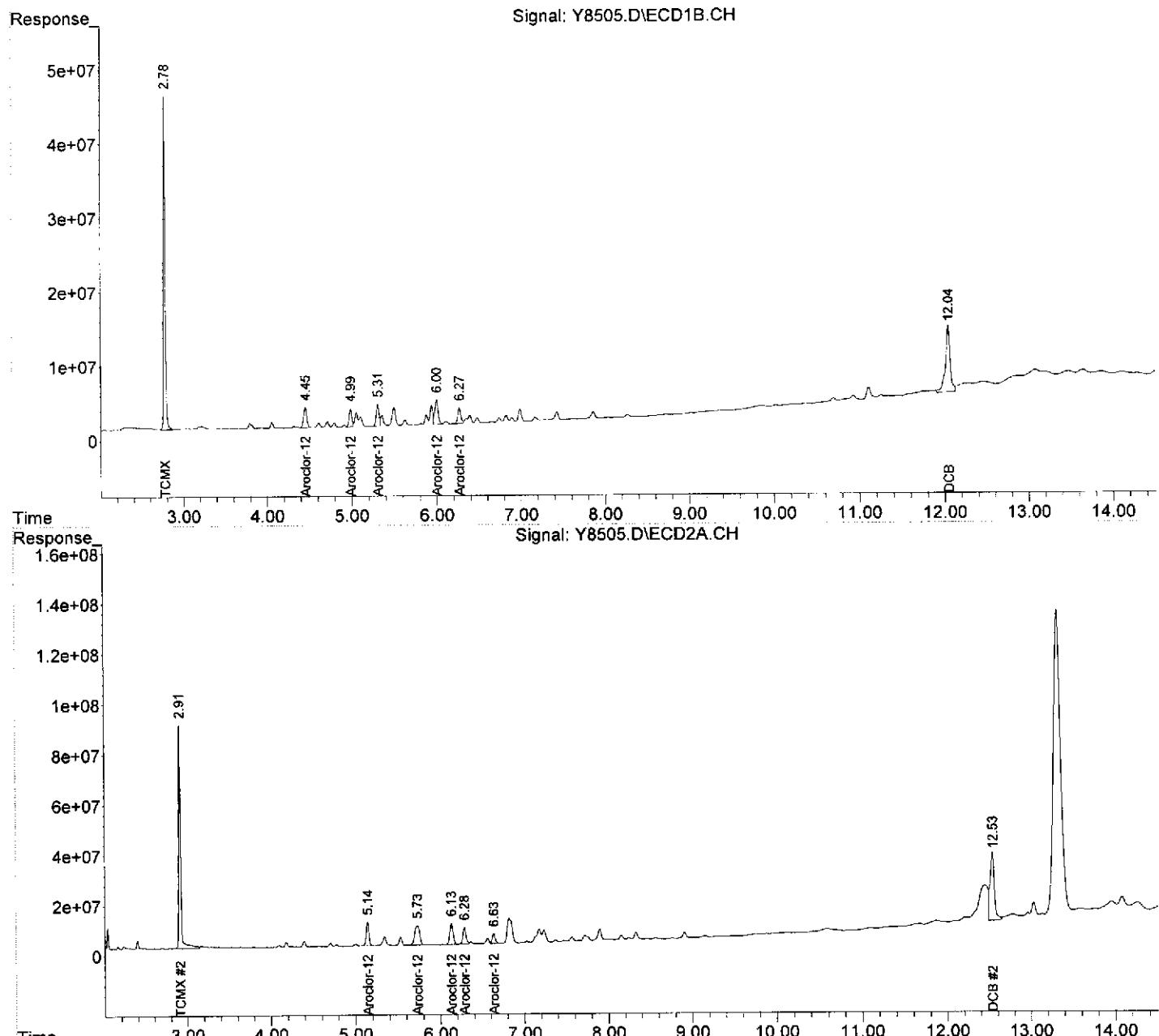
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.78	2.91	656.5E6	1473.5E6	181.367	187.101
Spiked Amount	200.000			Recovery	= 90.68%	93.55%
2) S DCB	12.04	12.53	344.8E6	959.1E6	248.153	270.906
Spiked Amount	200.000			Recovery	= 124.08%	135.45%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.45	5.14	74024564	206.6E6	440.988	381.504
24) L6 Aroclor-1248	{2}	4.99	5.73	52992142	316.4E6	477.179
25) L6 Aroclor-1248	{3}	5.31	6.13	66885879	230.6E6	487.584
26) L6 Aroclor-1248	{4}	6.00	6.28	86968222	170.4E6	430.651
27) L6 Aroclor-1248	{5}	6.27	6.63	55568750	92599264	343.767
Sum Aroclor-1248				336.4E6	1016.6E6	2180.169
Average Aroclor-1248					436.034	1808.689
Sum Aroclor-1248						361.738
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
Data File : Y8505.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 May 2013 00:44
Operator : NG
Sample : I-35W_(2.0,04119-021,S,5.00g,7.80,05/07/13,4
Misc : 130507-19,05/03/13,05/03/13,1
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 20 10:24:07 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
Quant Title :
QLast Update : Sat May 18 18:00:38 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8506.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 18 May 2013 1:01
 Operator : NG
 Sample : I-35S_(2.0,04119-022,S,5.00g,11.7,05/07/13,4
 Misc : 130507-19,05/03/13,05/03/13,20
 ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 10:25:20 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

1) S TCMX	2.78	2.91	40419831	84687951	11.167	10.753
Spiked Amount	200.000			Recovery	=	5.58% 5.38%

Target Compounds

Sum Aroclor-1016		0	0	N.D.	N.D.
Average Aroclor-1016				0.000	0.000

Sum Aroclor-1221		0	0	N.D.	N.D.
Average Aroclor-1221				0.000	0.000

Sum Aroclor-1232		0	0	N.D.	N.D.
Average Aroclor-1232				0.000	0.000

Sum Aroclor-1242		0	0	N.D.	N.D.
Average Aroclor-1242				0.000	0.000

23) L6 Aroclor-1248	4.46	5.14	262.7E6	807.9E6	1565.199	1491.928	
24) L6 Aroclor-1248	{2}	4.99	5.73	167.7E6	1199.2E6	1509.724	1472.443
25) L6 Aroclor-1248	{3}	5.31	6.13	230.5E6	947.2E6	1680.106	1605.656
26) L6 Aroclor-1248	{4}	6.00	6.28	368.5E6	823.6E6	1824.880	1623.847
27) L6 Aroclor-1248	{5}	6.27	6.63	301.8E6	507.9E6	1866.913	1710.669
Sum Aroclor-1248			1331.2E6	4285.8E6	8446.823	7904.544	
Average Aroclor-1248					1689.365	1580.909	

Sum Aroclor-1254		0	0	N.D.	N.D.
Average Aroclor-1254				0.000	0.000

Sum Aroclor-1260		0	0	N.D.	N.D.
Average Aroclor-1260				0.000	0.000

Sum Aroclor-1262		0	0	N.D.	N.D.
Average Aroclor-1262				0.000	0.000

Sum Aroclor-1268		0	0	N.D.	N.D.
Average Aroclor-1268				0.000	0.000

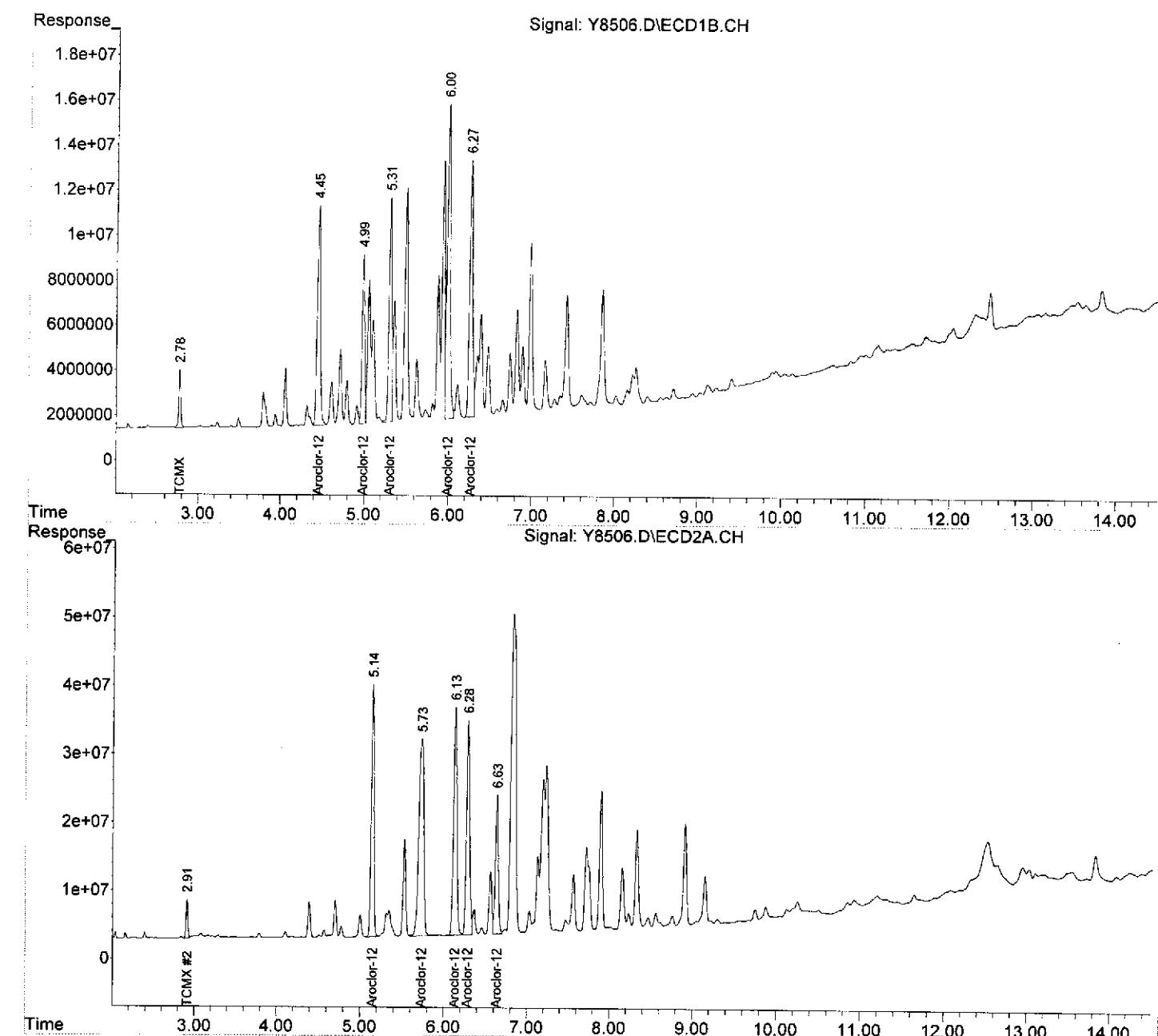
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
Data File : Y8506.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 May 2013 1:01
Operator : NG
Sample : I-35S_(2.0,04119-022,S,5.00g,11.7,05/07/13,4
Misc : 130507-19,05/03/13,05/03/13,20
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 20 10:25:20 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
Quant Title :
QLast Update : Sat May 18 18:00:38 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8507.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 18 May 2013 1:19
 Operator : NG
 Sample : I-35E_(2.0,04119-023,S,5.00g,34.9,05/07/13,4
 Misc : 130507-19,05/03/13,05/03/13,1
 ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 10:26:38 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.78	2.91	573.6E6	1691.8E6	158.463	214.814 #
Spiked Amount	200.000			Recovery	= 79.23%	107.41%
2) S DCB	12.04	12.53	281.0E6	844.4E6	202.180	238.495
Spiked Amount	200.000			Recovery	= 101.09%	119.25%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.45	5.14	53252900	83726597	317.245	154.613 #
24) L6 Aroclor-1248 {2}	4.99	5.75	21931250	224.5E6	197.484	275.618 #
25) L6 Aroclor-1248 {3}	0.00	6.13	0	145.0E6	N.D. d	245.850 #
26) L6 Aroclor-1248 {4}	6.00	6.28	70384128	111.7E6	348.530m	220.297 #
27) L6 Aroclor-1248 {5}	6.27	6.63	45997344	100.1E6	284.555m	337.190
Sum Aroclor-1248			191.6E6	665.1E6	1147.814	1233.568
Average Aroclor-1248					286.954	246.714
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

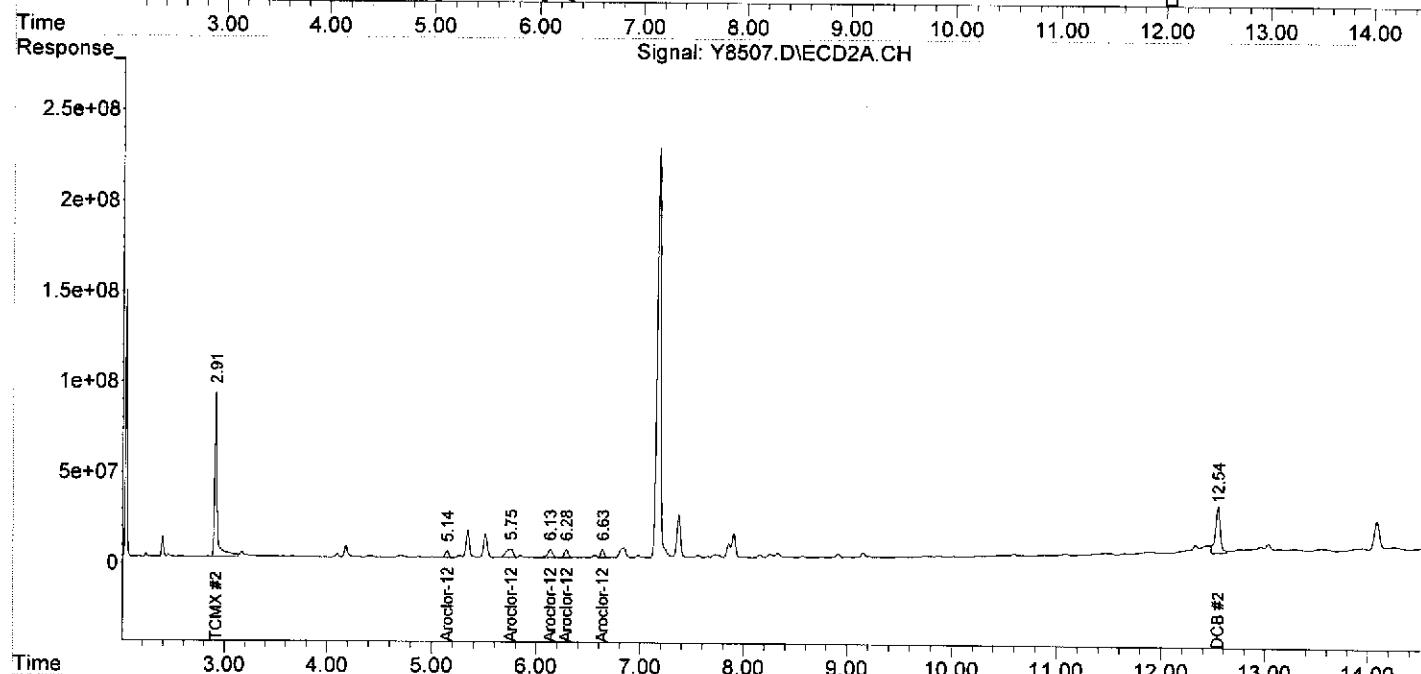
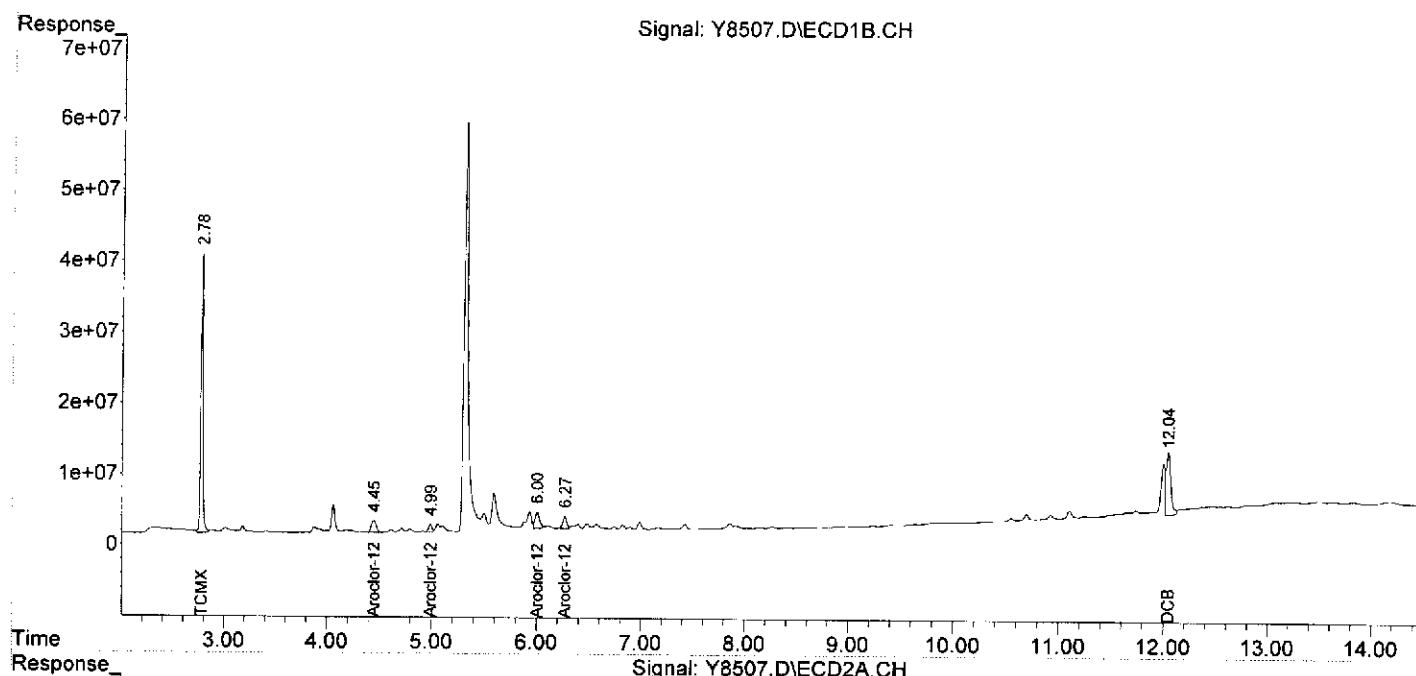
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
Data File : Y8507.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 May 2013 1:19
Operator : NG
Sample : I-35E_(2.0,04119-023,S,5.00g,34.9,05/07/13,4
Misc : 130507-19,05/03/13,05/03/13,1
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 20 10:26:38 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
Quant Title :
QLast Update : Sat May 18 18:00:38 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8508.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 18 May 2013 1:36
 Operator : NG
 Sample : I-35E_(0-2,04119-024,S,5.00g,16.5,05/07/13,4
 Misc : 130507-19,05/03/13,05/03/13,400
 ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 10:35:22 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

Target Compounds

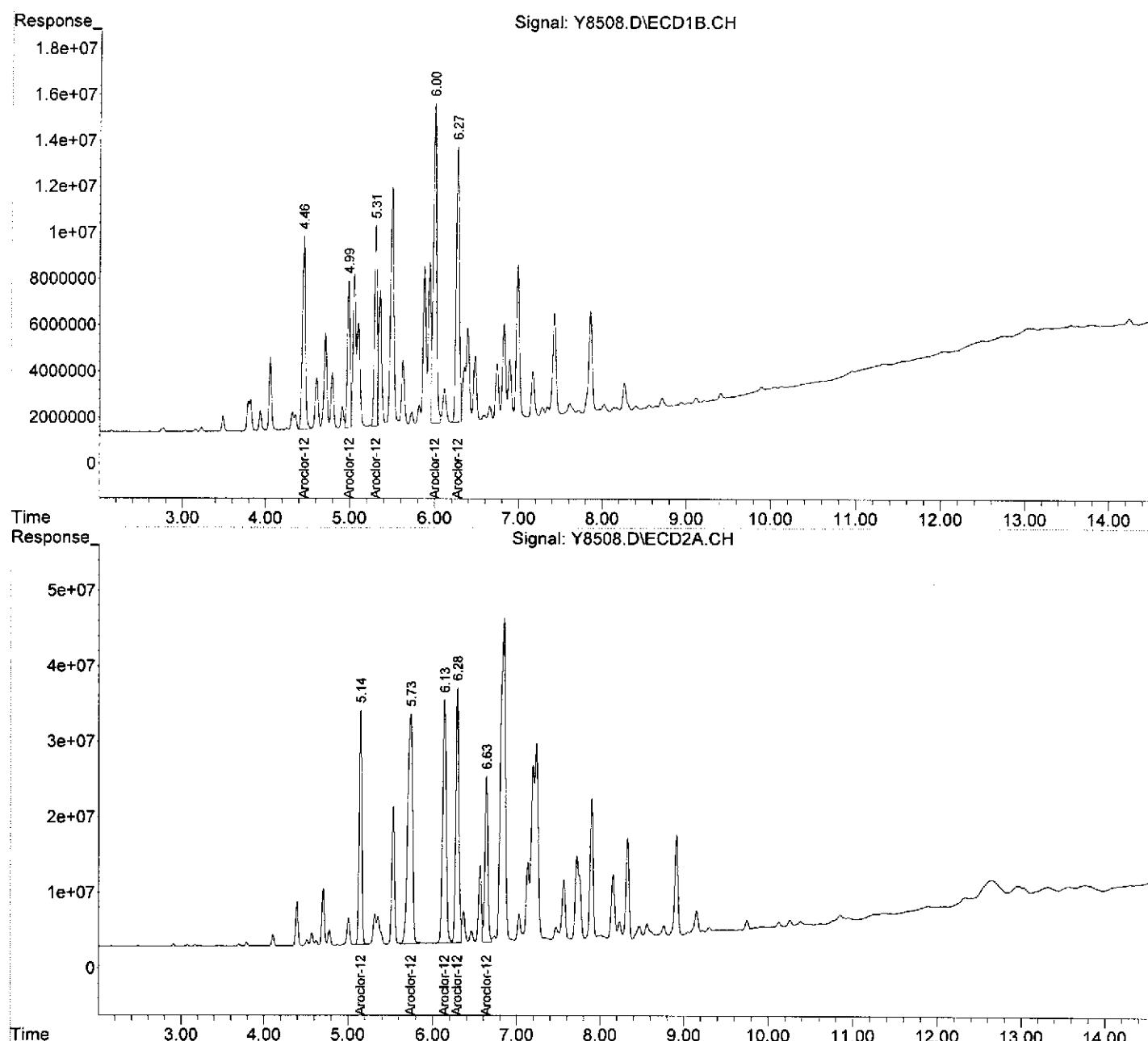
Sum Aroclor-1016		0	0	N.D.	N.D.
Average Aroclor-1016				0.000	0.000
Sum Aroclor-1221		0	0	N.D.	N.D.
Average Aroclor-1221				0.000	0.000
Sum Aroclor-1232		0	0	N.D.	N.D.
Average Aroclor-1232				0.000	0.000
Sum Aroclor-1242		0	0	N.D.	N.D.
Average Aroclor-1242				0.000	0.000
23) L6 Aroclor-1248 {2} 4.46 5.14 210.8E6 676.4E6 1255.567 1249.019					
24) L6 Aroclor-1248 {3} 4.99 5.73 143.6E6 1192.8E6 1292.655 1464.652					
25) L6 Aroclor-1248 {4} 5.31 6.13 200.2E6 958.9E6 1459.338 1625.485					
26) L6 Aroclor-1248 {5} 6.00 6.28 368.5E6 858.6E6 1824.609 1692.875					
27) L6 Aroclor-1248 Sum Aroclor-1248 6.27 6.63 310.3E6 547.9E6 1919.802 1845.557					
		1233.3E6	4234.7E6	7751.971	7877.588
Average Aroclor-1248				1550.394	1575.518
Sum Aroclor-1254		0	0	N.D.	N.D.
Average Aroclor-1254				0.000	0.000
Sum Aroclor-1260		0	0	N.D.	N.D.
Average Aroclor-1260				0.000	0.000
Sum Aroclor-1262		0	0	N.D.	N.D.
Average Aroclor-1262				0.000	0.000
Sum Aroclor-1268		0	0	N.D.	N.D.
Average Aroclor-1268				0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
Data File : Y8508.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 May 2013 1:36
Operator : NG
Sample : I-35E (0-2,04119-024,S,5.00g,16.5,05/07/13,4
Misc : 130507-19,05/03/13,05/03/13,400
ALS Vial : 34 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 20 10:35:22 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
Quant Title :
QLast Update : Sat May 18 18:00:38 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8509.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 18 May 2013 1:53
 Operator : NG
 Sample : I-35N_(2.0,04119-025,S,5.00g,26.3,05/07/13,4
 Misc : 130507-19,05/03/13,05/03/13,1
 ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 10:37:13 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

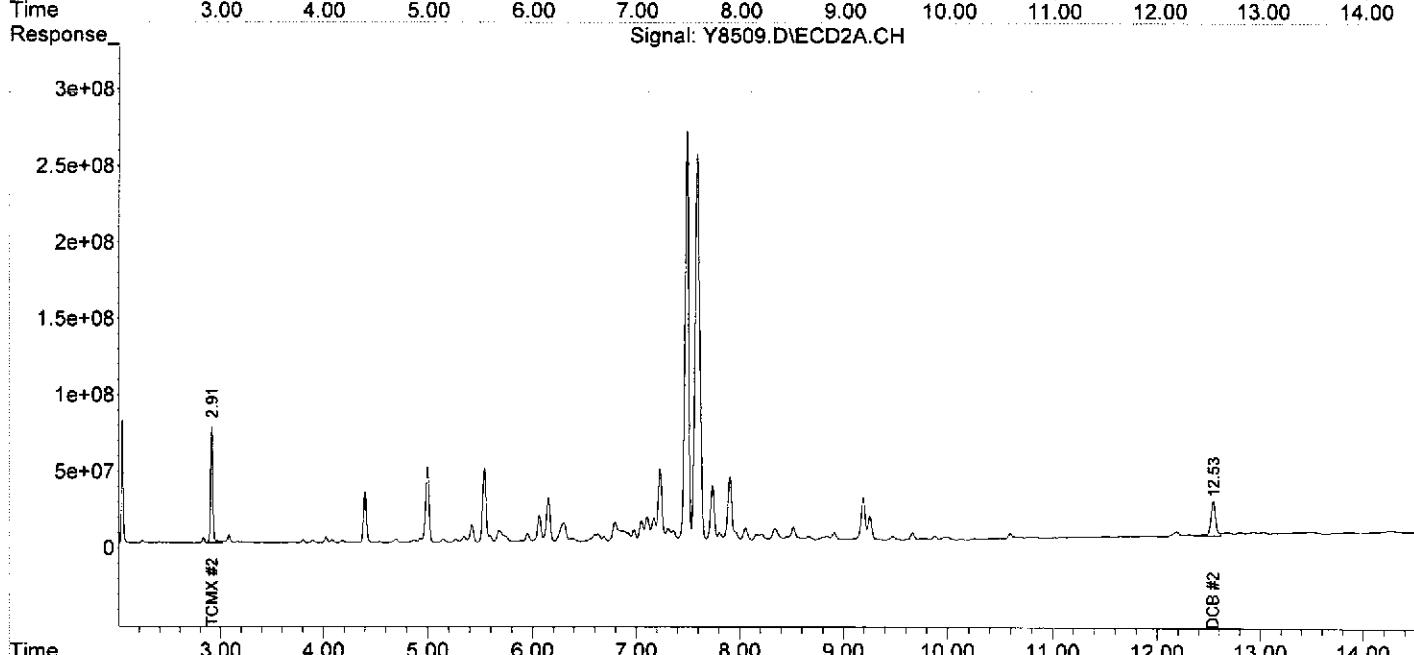
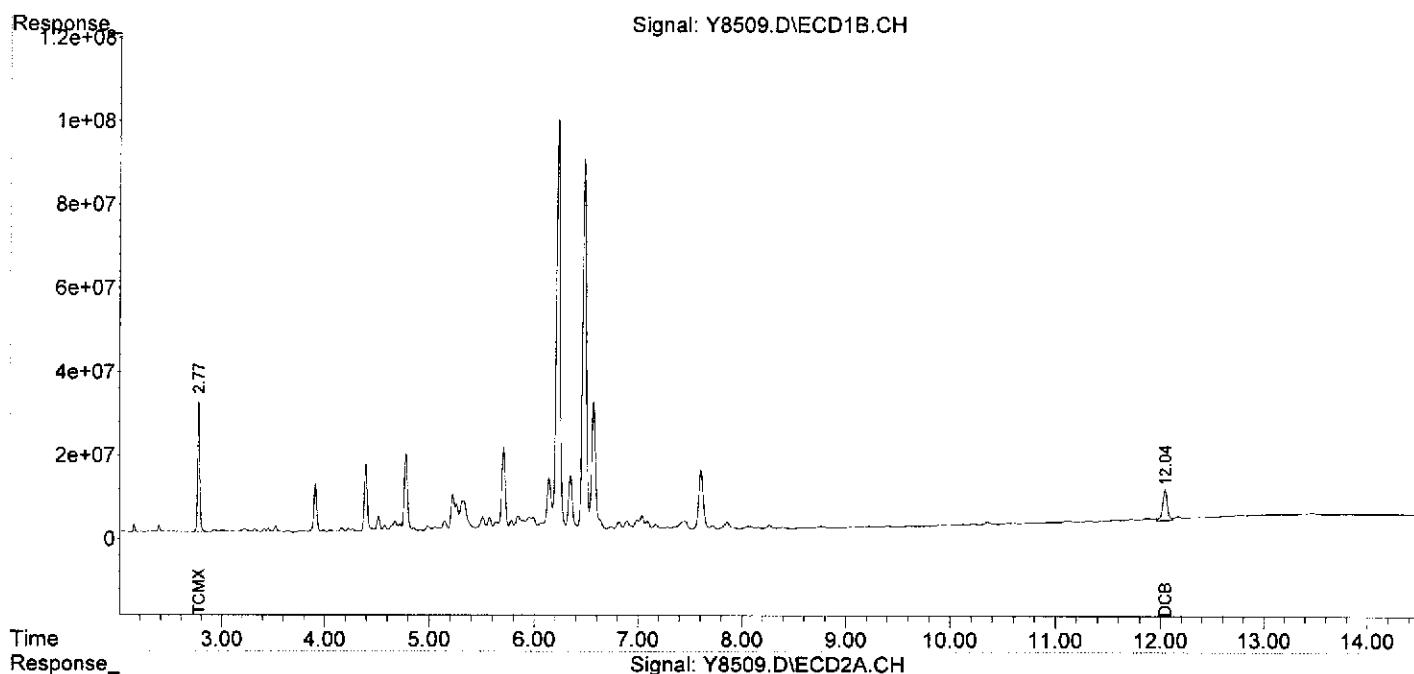
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
1) S	TCMX	2.77	2.91	440.5E6	1163.4E6	121.702	147.720
	Spiked Amount	200.000			Recovery	= 60.85%	73.86%
2) S	DCB	12.04	12.54	242.7E6	763.7E6	174.657	215.708
	Spiked Amount	200.000			Recovery	= 87.33%	107.85%
<hr/>							
Target Compounds							
	Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016						0.000	0.000
	Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221						0.000	0.000
	Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232						0.000	0.000
	Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242						0.000	0.000
	Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248						0.000	0.000
	Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254						0.000	0.000
	Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260						0.000	0.000
	Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262						0.000	0.000
	Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268						0.000	0.000
<hr/>							

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
Data File : Y8509.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 May 2013 1:53
Operator : NG
Sample : I-35N (2.0,04119-025,S,5.00g,26.3,05/07/13,4
Misc : 130507-19,05/03/13,05/03/13,1
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 20 10:37:13 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
Quant Title :
QLast Update : Sat May 18 18:00:38 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-15-13\
 Data File : Y8377.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 15 May 2013 12:55
 Operator : JS
 Sample : J-35N_(0-2,04119-026,S,5.50g,15.3,05/07/13,4
 Misc : 130507-20,05/03/13,05/03/13,20
 ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 17 16:15:26 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
 Quant Title :
 QLast Update : Wed May 15 18:50:52 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

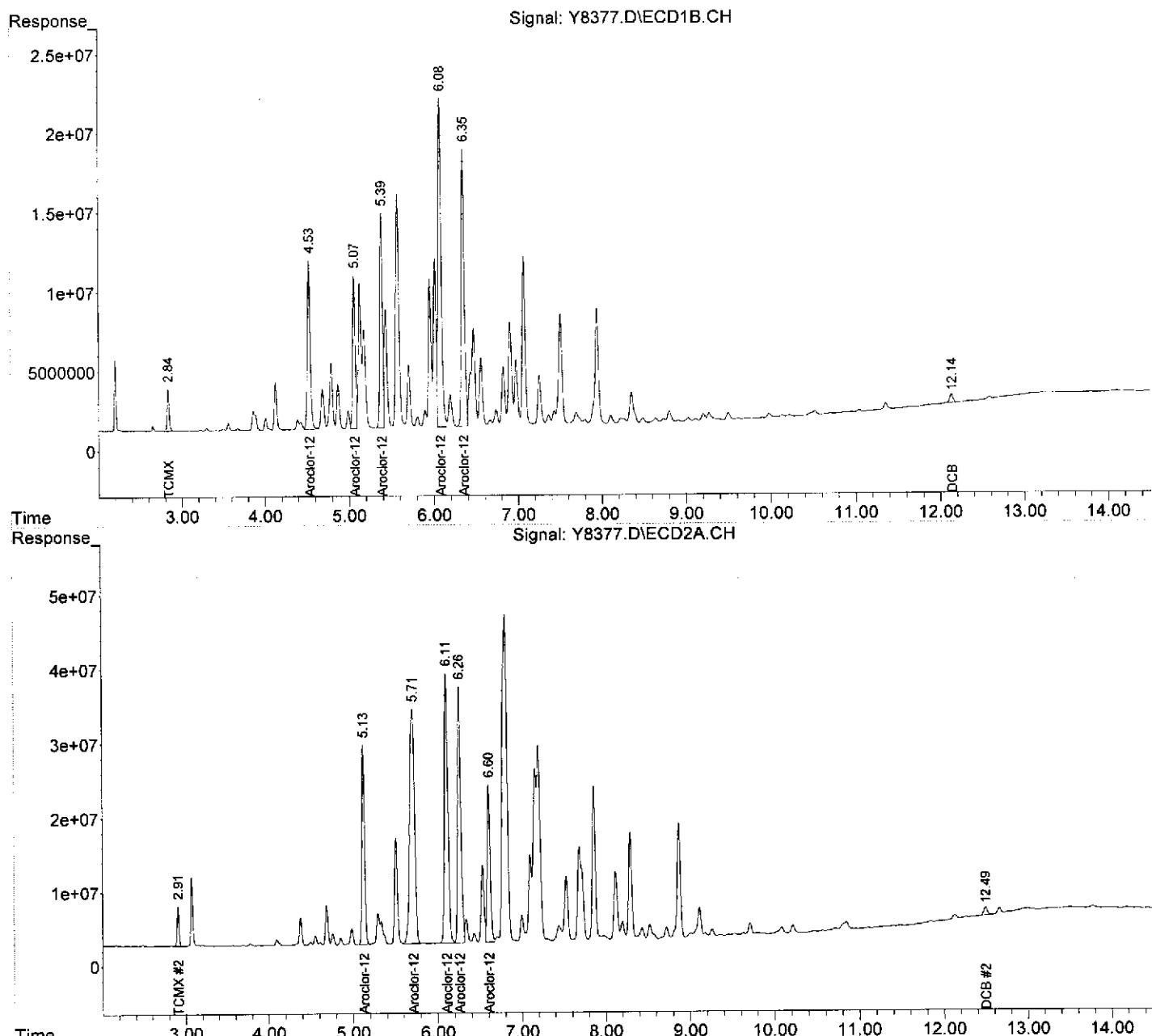
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.84	2.91	41996270	85046553	9.586	11.582
Spiked Amount	200.000			Recovery =	4.79%	5.79%
2) S DCB	12.14	12.49	14407112	31850761	7.725m	9.622m
Spiked Amount	200.000			Recovery =	3.86%	4.81%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.53	5.13	251.4E6	591.3E6	934.610	1158.837
24) L6 Aroclor-1248	{2}	5.07	5.71	209.8E6	1283.5E6	1218.396
25) L6 Aroclor-1248	{3}	5.39	6.11	307.4E6	1046.1E6	1411.989
26) L6 Aroclor-1248	{4}	6.08	6.26	535.2E6	911.0E6	1721.229
27) L6 Aroclor-1248	{5}	6.35	6.61	438.5E6	530.0E6	1705.255
Sum Aroclor-1248				1742.3E6	4362.0E6	6991.479
Average Aroclor-1248					1398.296	8345.379
Sum Aroclor-1248						1669.076
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-15-13\
Data File : Y8377.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 15 May 2013 12:55
Operator : JS
Sample : J-35N_(0-2,04119-026,S,5.50g,15.3,05/07/13,4
Misc : 130507-20,05/03/13,05/03/13,20
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 17 16:15:26 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
Quant Title :
QLast Update : Wed May 15 18:50:52 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-14-13\
 Data File : Y8307.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 14 May 2013 11:06
 Operator : JS
 Sample : I-33S_(4.0,04119-027,S,5.60g,25.6,05/07/13,4
 Misc : 130507-20,05/03/13,05/03/13,1
 ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 17 14:02:48 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
 Quant Title :
 QLast Update : Wed May 15 18:50:52 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

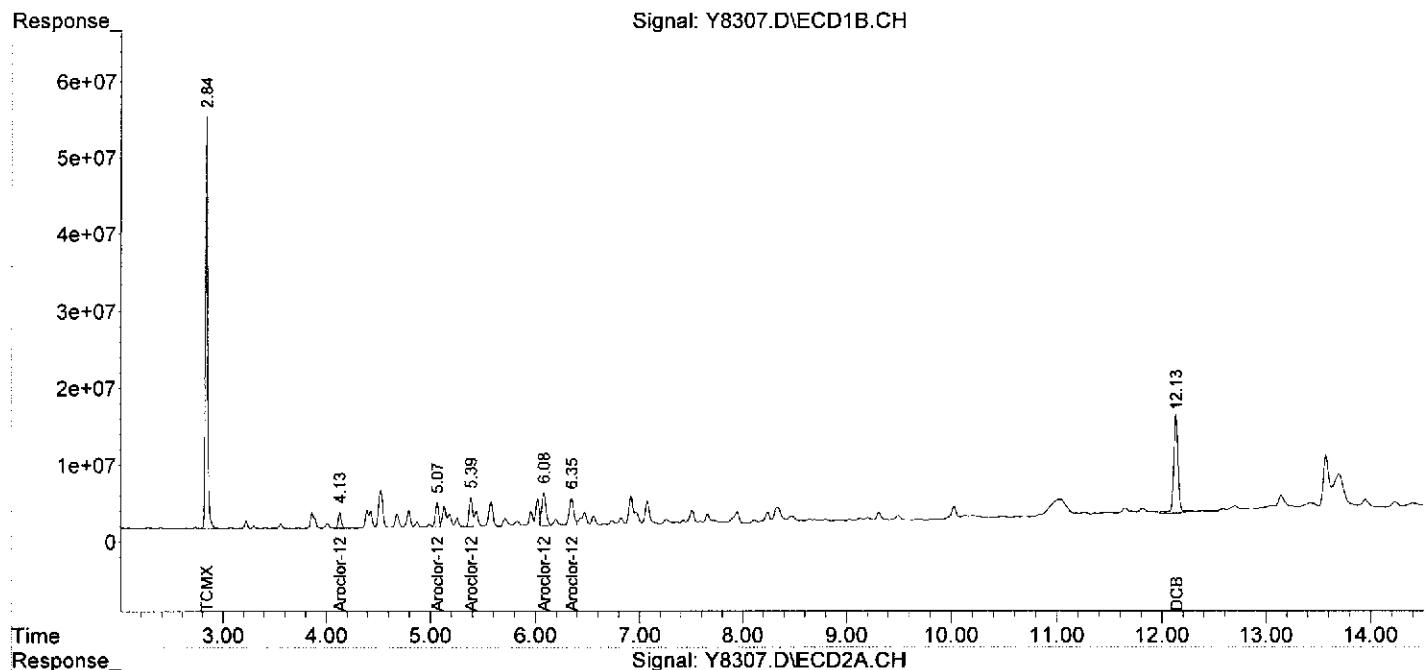
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.84	2.91	819.3E6	1397.1E6	187.013	190.276
Spiked Amount	200.000			Recovery	= 93.51%	95.14%
2) S DCB	12.13	12.49	374.8E6	651.9E6	200.949	196.943m
Spiked Amount	200.000			Recovery	= 100.47%	98.47%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
8) L5 Aroclor-1242	4.13	4.76	43576533	33778490	352.704	243.434 #
9) L5 Aroclor-1242	{2}	5.07	5.51	71524588	73702669	802.406
0) L5 Aroclor-1242	{3}	5.39	6.11	86277019	222.3E6	712.173
1) L5 Aroclor-1242	{4}	6.08	6.26	122.2E6	165.1E6	753.014
2) L5 Aroclor-1242	{5}	6.35	6.79	110.1E6	329.2E6	728.182
Sum Aroclor-1242				433.7E6	824.0E6	3348.479
Average Aroclor-1242					669.696	2356.645
						471.329
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-14-13\
 Data File : Y8307.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 14 May 2013 11:06
 Operator : JS
 Sample : I-33S_(4.0,04119-027,S,5.60g,25.6,05/07/13,4
 Misc : 130507-20,05/03/13,05/03/13,1
 ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 17 14:02:48 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
 Quant Title :
 QLast Update : Wed May 15 18:50:52 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-14-13\
 Data File : Y8347.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 15 May 2013 1:52
 Operator : JS
 Sample : I-33E_(4.0,04119-028,S,5.40g,74.2,05/07/13,4
 Misc : 130507-20,05/03/13,05/03/13,1000
 ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 17 16:11:56 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
 Quant Title :
 QLast Update : Tue May 14 17:46:28 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

Target Compounds

Sum Aroclor-1016 0 0 N.D. N.D.
 Average Aroclor-1016 0.000 0.000

Sum Aroclor-1221 0 0 N.D. N.D.
 Average Aroclor-1221 0.000 0.000

Sum Aroclor-1232 0 0 N.D. N.D.
 Average Aroclor-1232 0.000 0.000

Sum Aroclor-1242 0 0 N.D. N.D.
 Average Aroclor-1242 0.000 0.000

23) L6 Aroclor-1248 4.53 5.13 266.5E6 615.0E6 990.968 1205.113
 24) L6 Aroclor-1248 {2} 5.06 5.71 89655669 569.5E6 520.549 734.016 #
 25) L6 Aroclor-1248 {3} 5.39 6.11 85890566 296.3E6 394.476 521.024 #
 26) L6 Aroclor-1248 {4} 6.08 6.26 137.9E6 221.6E6 443.605 452.124
 27) L6 Aroclor-1248 {5} 6.35 6.61 69100159 135.9E6 268.717 470.324 #
 Sum Aroclor-1248 649.1E6 1838.3E6 2618.315 3382.602
 Average Aroclor-1248 523.663 676.520

Sum Aroclor-1254 0 0 N.D. N.D.
 Average Aroclor-1254 0.000 0.000

Sum Aroclor-1260 0 0 N.D. N.D.
 Average Aroclor-1260 0.000 0.000

Sum Aroclor-1262 0 0 N.D. N.D.
 Average Aroclor-1262 0.000 0.000

Sum Aroclor-1268 0 0 N.D. N.D.
 Average Aroclor-1268 0.000 0.000

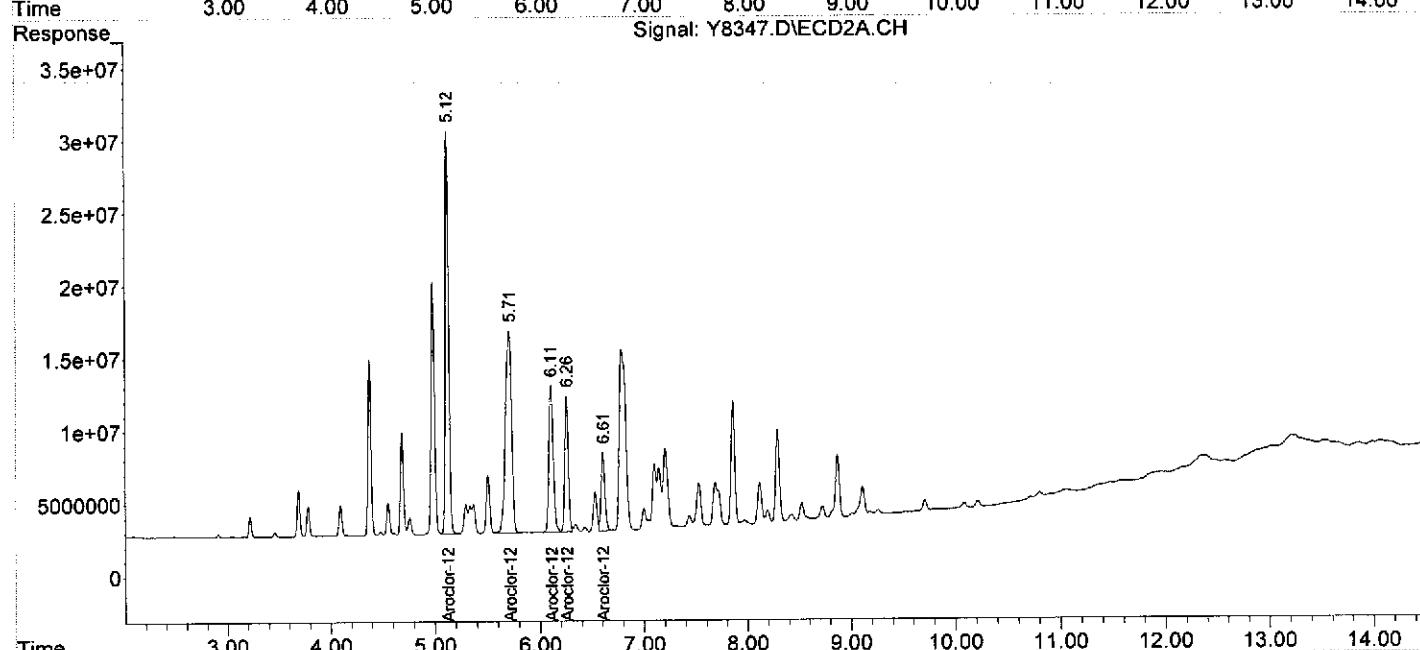
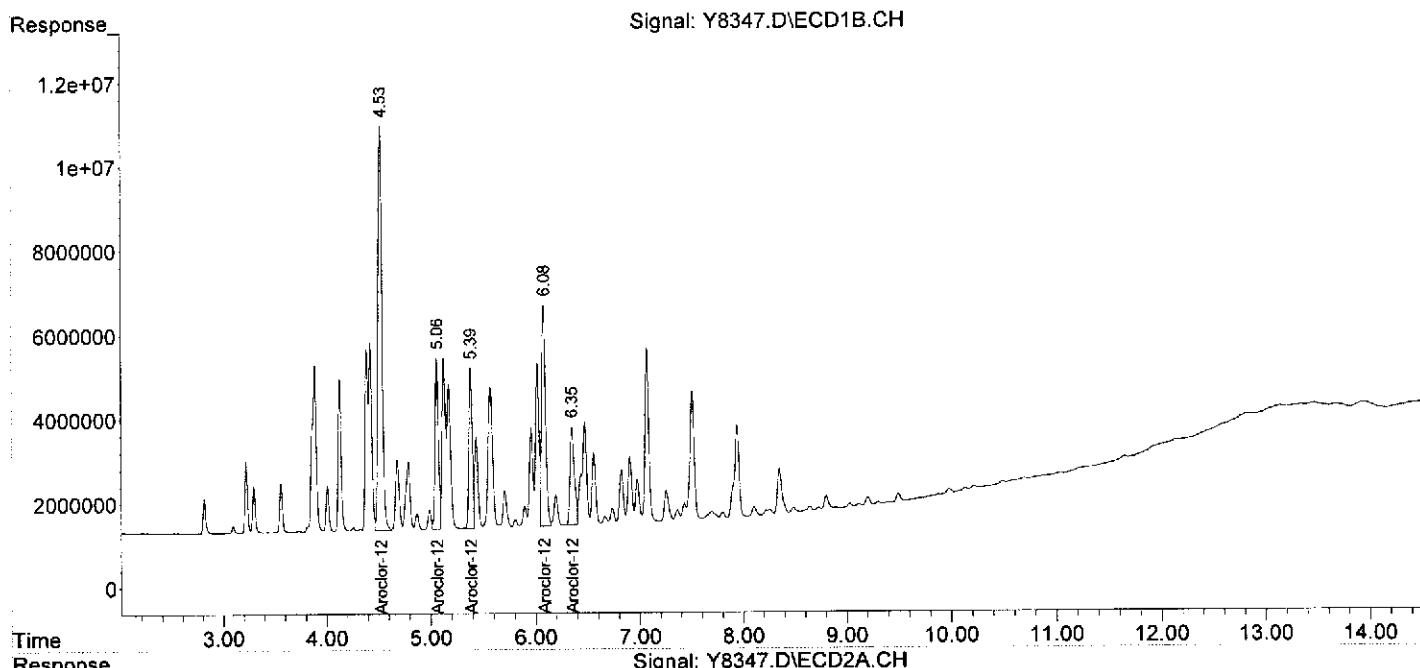
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-14-13\
Data File : Y8347.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 15 May 2013 1:52
Operator : JS
Sample : I-33E_(4.0,04119-028,S,5.40g,74.2,05/07/13,4
Misc : 130507-20,05/03/13,05/03/13,1000
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 17 16:11:56 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
Quant Title :
QLast Update : Tue May 14 17:46:28 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-14-13\
 Data File : Y8309.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 14 May 2013 11:41
 Operator : JS
 Sample : I-33N_(4.0,04119-029,S,5.30g,73.3,05/07/13,4
 Misc : 130507-20,05/03/13,05/03/13,1
 ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 17 14:04:48 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
 Quant Title :
 QLast Update : Wed May 15 18:50:52 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

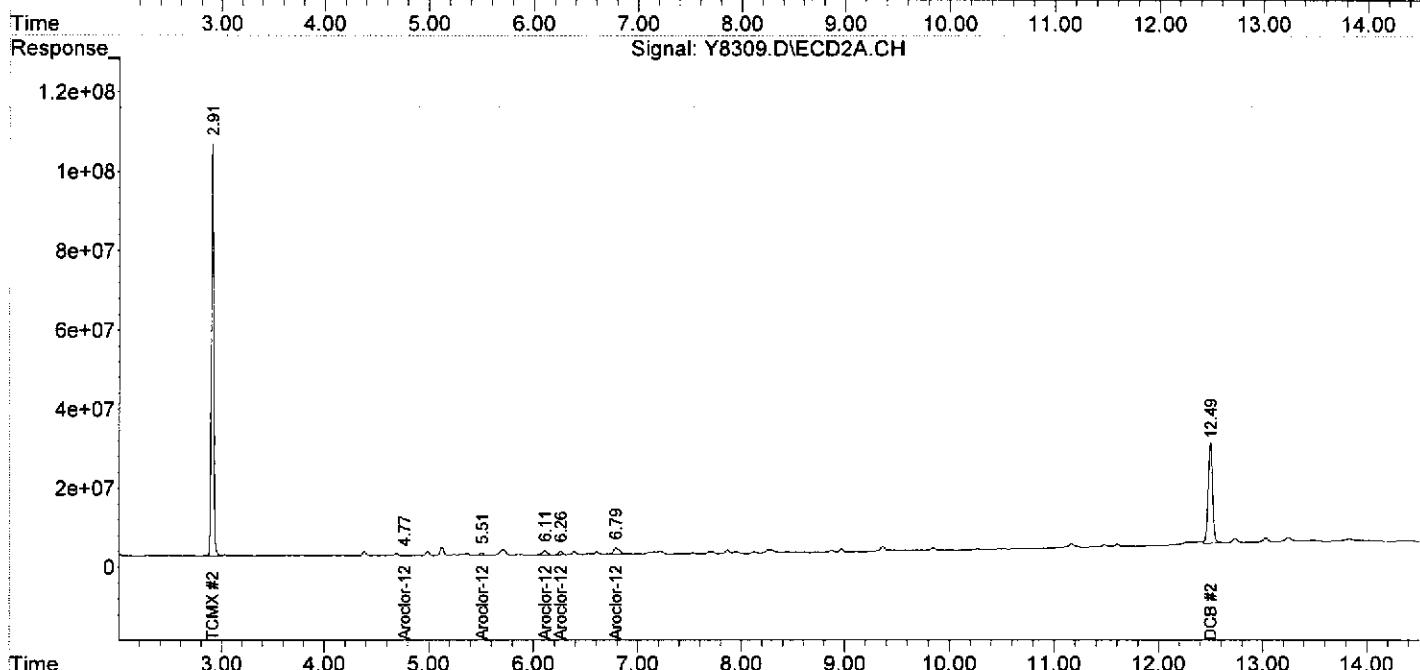
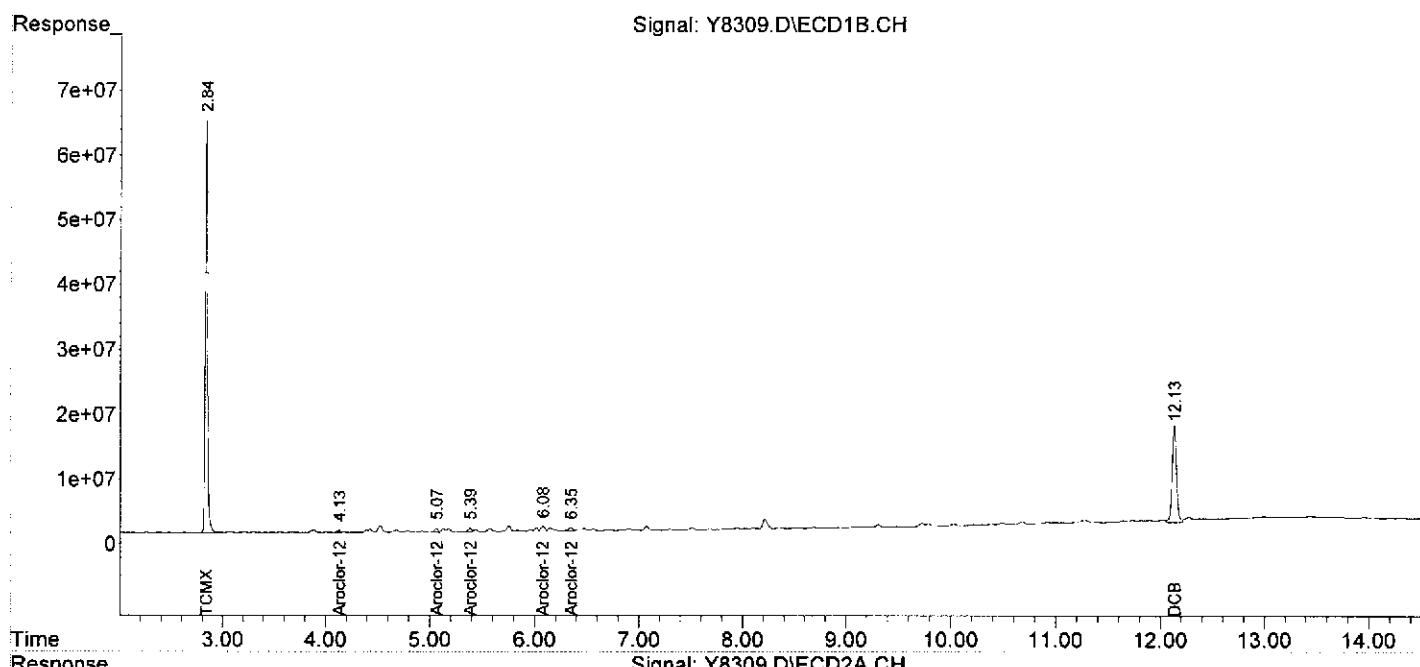
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.84	2.91	993.0E6	1646.4E6	226.666	224.217
Spiked Amount	200.000			Recovery	= 113.33%	112.11%
2) S DCB	12.13	12.49	435.1E6	742.5E6	233.333	224.305m
Spiked Amount	200.000			Recovery	= 116.67%	112.15%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
18) L5 Aroclor-1242	4.13	4.77	7997023	3819671	64.727	27.527 #
19) L5 Aroclor-1242	{2}	5.07	5.51	11958132	14537238	134.153
20) L5 Aroclor-1242	{3}	5.39	6.11	14149050	32087253	116.793
21) L5 Aroclor-1242	{4}	6.08	6.26	21329418	22985589	131.463
22) L5 Aroclor-1242	{5}	6.35	6.79	18412486	65885873	121.761
Sum Aroclor-1242				73846108	139.3E6	116.257
Average Aroclor-1242					568.897	377.733
					113.779	75.547
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-14-13\
Data File : Y8309.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 May 2013 11:41
Operator : JS
Sample : I-33N_(4.0,04119-029,S,5.30g,73.3,05/07/13,4
Misc : 130507-20,05/03/13,05/03/13,1
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 17 14:04:48 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
Quant Title :
QLast Update : Wed May 15 18:50:52 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-15-13\
 Data File : Y8378.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 15 May 2013 13:13
 Operator : JS
 Sample : I-33W_(4.0,04119-030,S,5.60g,61.3,05/07/13,4
 Misc : 130507-20,05/03/13,05/03/13,10000
 ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 17 16:16:20 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
 Quant Title :
 QLast Update : Wed May 15 18:50:52 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
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System Monitoring Compounds

Target Compounds

Sum Aroclor-1016		0	0	N.D.	N.D.
Average Aroclor-1016				0.000	0.000

Sum Aroclor-1221		0	0	N.D.	N.D.
Average Aroclor-1221				0.000	0.000

Sum Aroclor-1232		0	0	N.D.	N.D.
Average Aroclor-1232				0.000	0.000

Sum Aroclor-1242		0	0	N.D.	N.D.
Average Aroclor-1242				0.000	0.000

23) L6 Aroclor-1248	4.53	5.13	384.8E6	900.5E6	1430.568	1764.654
24) L6 Aroclor-1248 {2}	5.07	5.71	216.2E6	1238.6E6	1255.404	1596.308 #
25) L6 Aroclor-1248 {3}	5.39	6.11	274.9E6	892.3E6	1262.535	1569.141
26) L6 Aroclor-1248 {4}	6.08	6.26	415.2E6	747.1E6	1335.321	1524.285
27) L6 Aroclor-1248 {5}	6.35	6.61	321.4E6	436.1E6	1249.932	1508.820
Sum Aroclor-1248			1612.5E6	4214.6E6	6533.760	7963.208
Average Aroclor-1248					1306.752	1592.642

Sum Aroclor-1254		0	0	N.D.	N.D.
Average Aroclor-1254				0.000	0.000

Sum Aroclor-1260		0	0	N.D.	N.D.
Average Aroclor-1260				0.000	0.000

Sum Aroclor-1262		0	0	N.D.	N.D.
Average Aroclor-1262				0.000	0.000

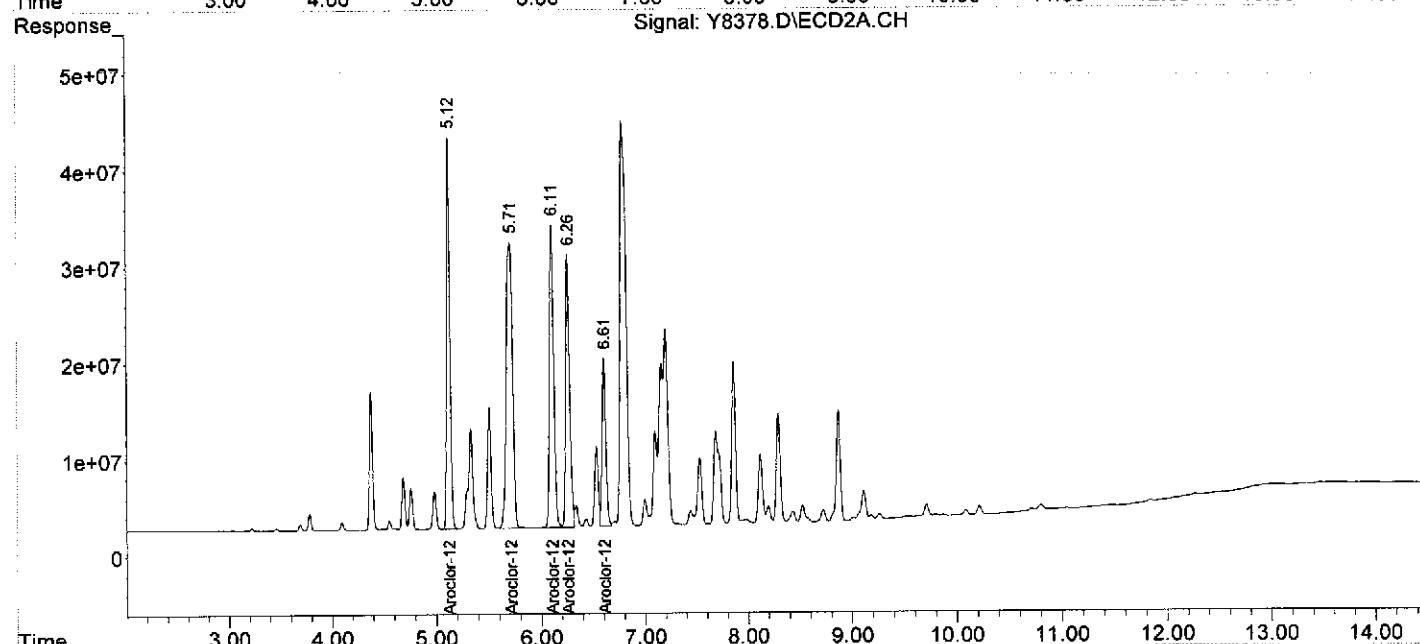
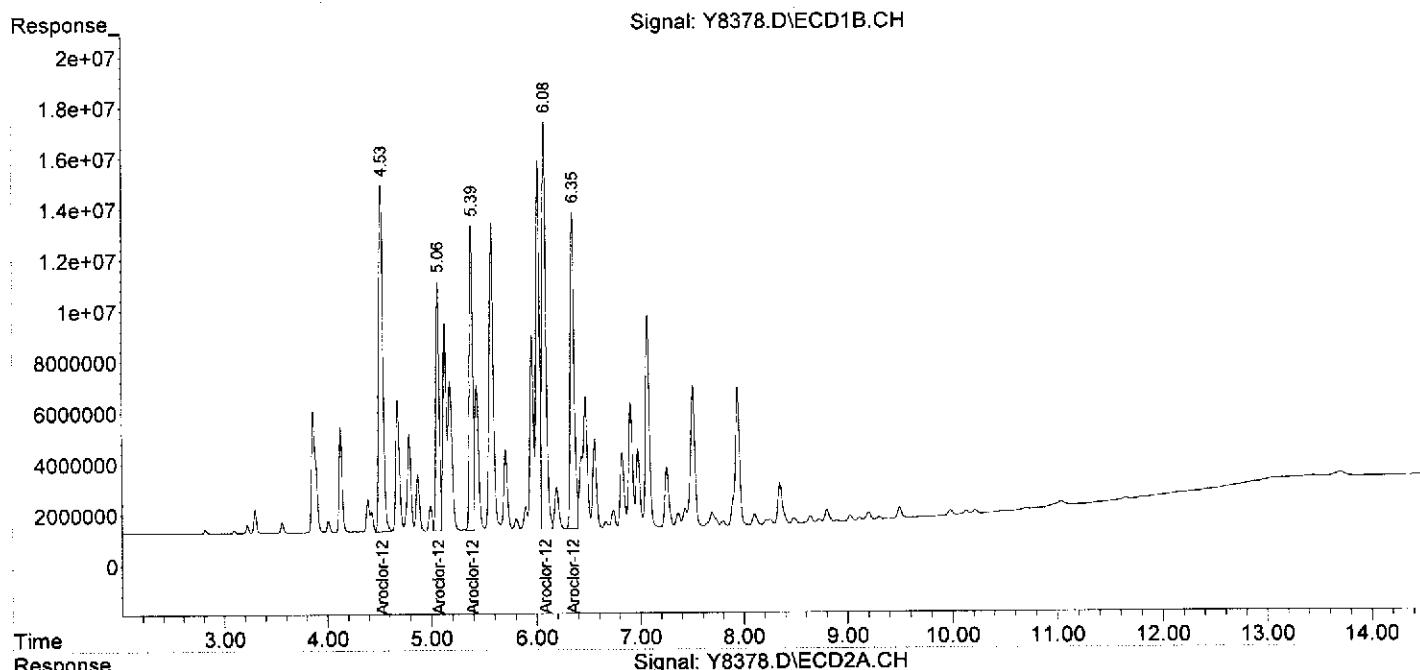
Sum Aroclor-1268		0	0	N.D.	N.D.
Average Aroclor-1268				0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-15-13\
Data File : Y8378.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 15 May 2013 13:13
Operator : JS
Sample : I-33W_(4.0,04119-030,S,5.60g,61.3,05/07/13,4
Misc : 130507-20,05/03/13,05/03/13,10000
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 17 16:16:20 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
Quant Title :
QLast Update : Wed May 15 18:50:52 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-14-13\
 Data File : Y8344.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 15 May 2013 1:00
 Operator : JS
 Sample : E-33W_(0-2,04119-031,S,5.40g,16.4,05/07/13,4
 Misc : 130507-20,05/03/13,05/03/13,10
 ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 17 16:04:45 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
 Quant Title :
 QLast Update : Wed May 15 18:50:52 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

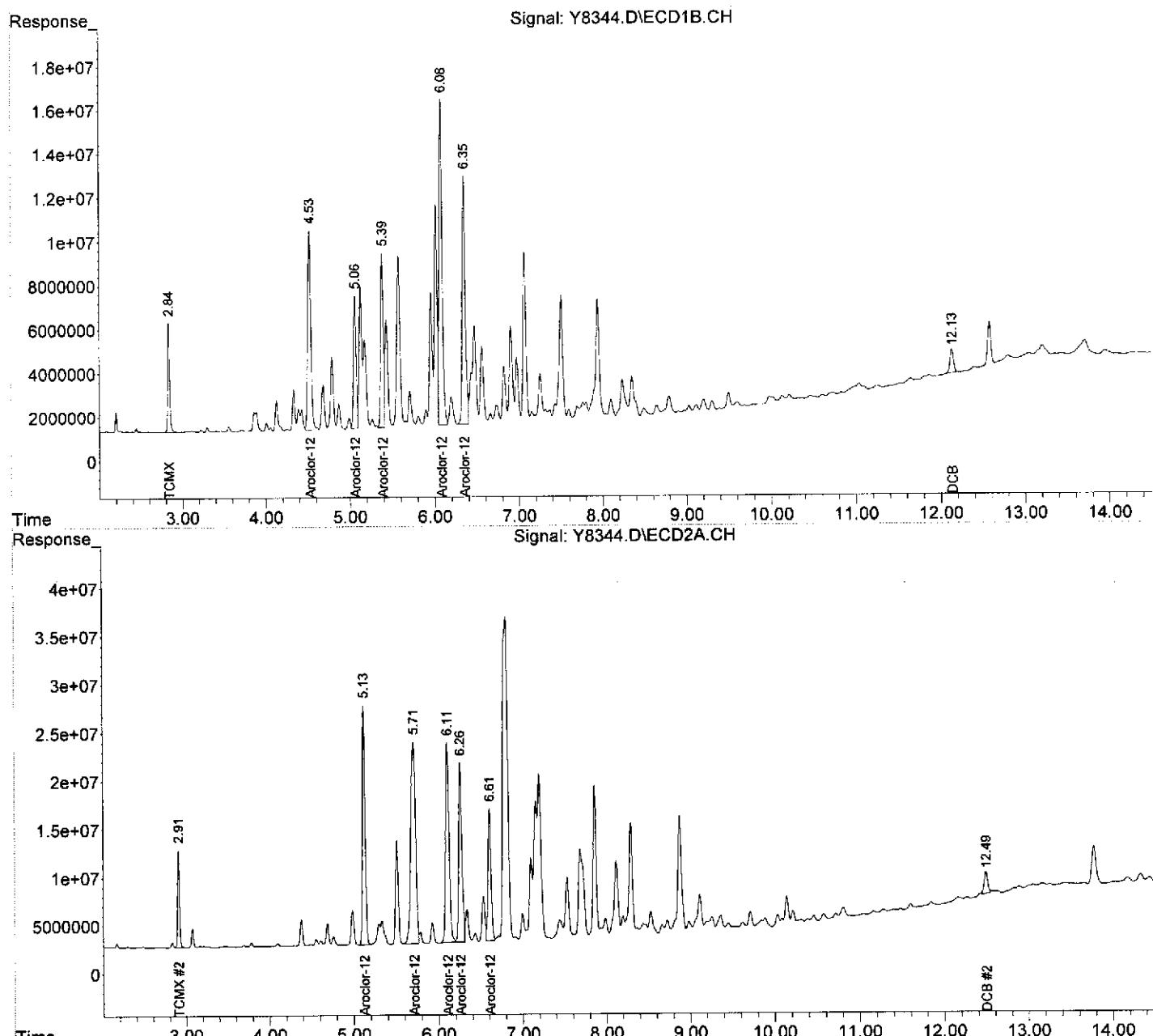
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.84	2.91	78118952	158.8E6	17.832	21.625
Spiked Amount	200.000			Recovery	=	8.92% 10.81%
2) S DCB	12.13	12.49	31212427	68051077	16.737m	20.559m
Spiked Amount	200.000			Recovery	=	8.37% 10.28%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.53	5.13	239.0E6	547.7E6	888.707	1073.332
24) L6 Aroclor-1248 {2}	5.06	5.71	134.9E6	830.5E6	783.154	1070.395 #
25) L6 Aroclor-1248 {3}	5.39	6.11	179.1E6	602.1E6	822.663	1058.756 #
26) L6 Aroclor-1248 {4}	6.08	6.26	375.2E6	492.8E6	1206.585	1005.310
27) L6 Aroclor-1248 {5}	6.35	6.61	286.6E6	343.3E6	1114.468	1187.720
Sum Aroclor-1248			1214.8E6	2816.3E6	4815.577	5395.513
Average Aroclor-1248					963.115	1079.103
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-14-13\
Data File : Y8344.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 15 May 2013 1:00
Operator : JS
Sample : E-33W_(0-2,04119-031,S,5.40g,16.4,05/07/13,4
Misc : 130507-20,05/03/13,05/03/13,10
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 17 16:04:45 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
Quant Title :
QLast Update : Wed May 15 18:50:52 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-14-13\
 Data File : Y8345.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 15 May 2013 1:17
 Operator : JS
 Sample : D-32N_(0-2,04119-032,S,5.80g,18.5,05/07/13,4
 Misc : 130507-20,05/03/13,05/03/13,10
 ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 17 16:07:31 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
 Quant Title :
 QLast Update : Wed May 15 18:50:52 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

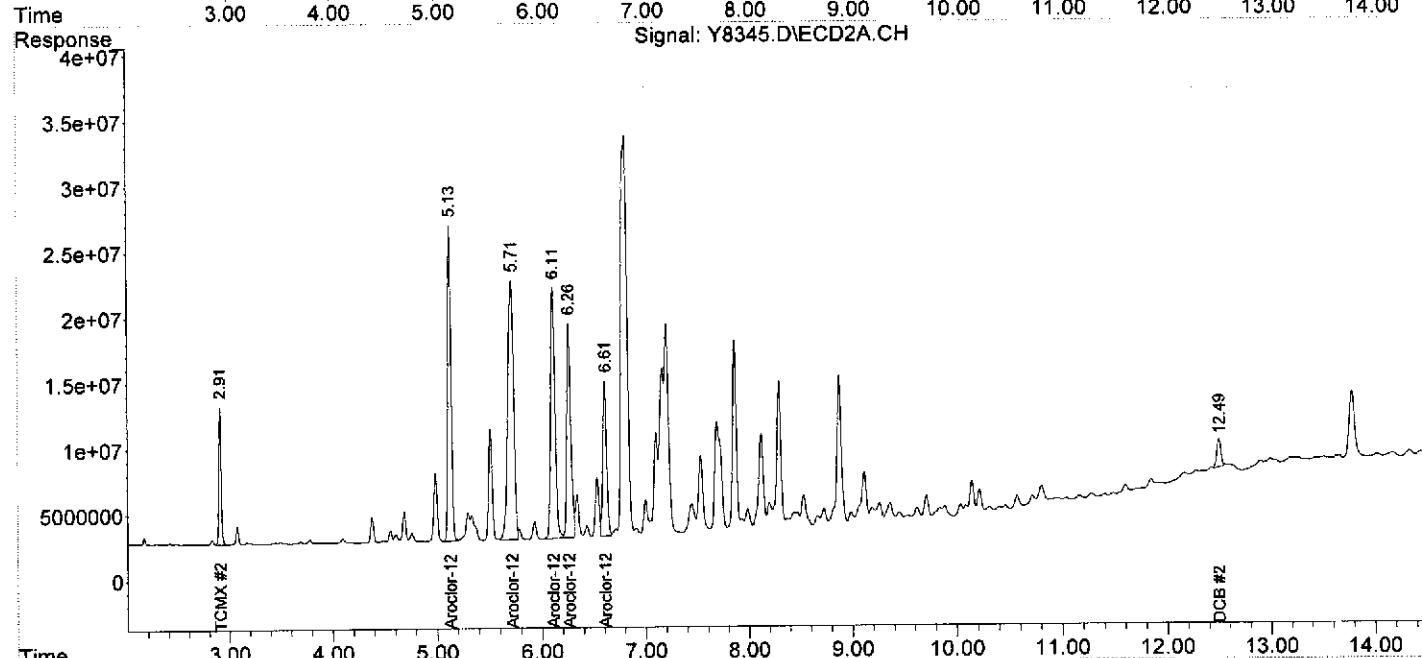
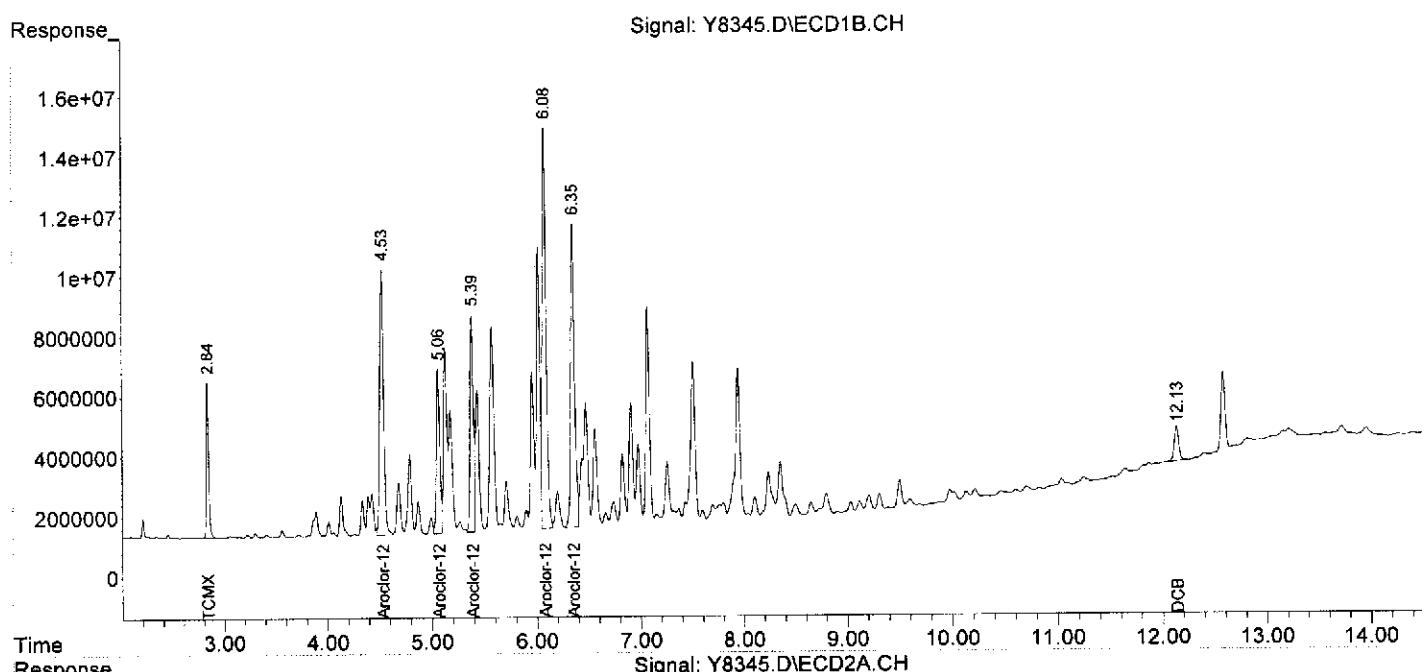
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.84	2.91	79760820	162.3E6	18.207	22.097
Spiked Amount	200.000			Recovery	=	9.10% 11.05%
2) S DCB	12.13	12.49	34313857	60023090	18.400m	18.133m
Spiked Amount	200.000			Recovery	=	9.20% 9.07%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.53	5.13	230.1E6	527.8E6	855.579	1034.332
24) L6 Aroclor-1248 {2}	5.07	5.71	119.8E6	772.1E6	695.520	995.085 #
25) L6 Aroclor-1248 {3}	5.39	6.11	162.2E6	562.0E6	744.902	988.258 #
26) L6 Aroclor-1248 {4}	6.08	6.26	336.8E6	441.2E6	1083.273	900.077
27) L6 Aroclor-1248 {5}	6.35	6.61	262.9E6	297.4E6	1022.288	1028.893
Sum Aroclor-1248			1111.8E6	2600.4E6	4401.562	4946.645
Average Aroclor-1248					880.312	989.329
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-14-13\
 Data File : Y8345.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 15 May 2013 1:17
 Operator : JS
 Sample : D-32N_(0-2,04119-032,S,5.80g,18.5,05/07/13,4
 Misc : 130507-20,05/03/13,05/03/13,10
 ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 17 16:07:31 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
 Quant Title :
 QLast Update : Wed May 15 18:50:52 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-14-13\
 Data File : Y8342.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 15 May 2013 00:25
 Operator : JS
 Sample : D-32N_(2.0,04119-033,S,5.30g,27.7,05/07/13,4
 Misc : 130507-20,05/03/13,05/03/13,5
 ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 17 16:03:14 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
 Quant Title :
 QLast Update : Wed May 15 18:50:52 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

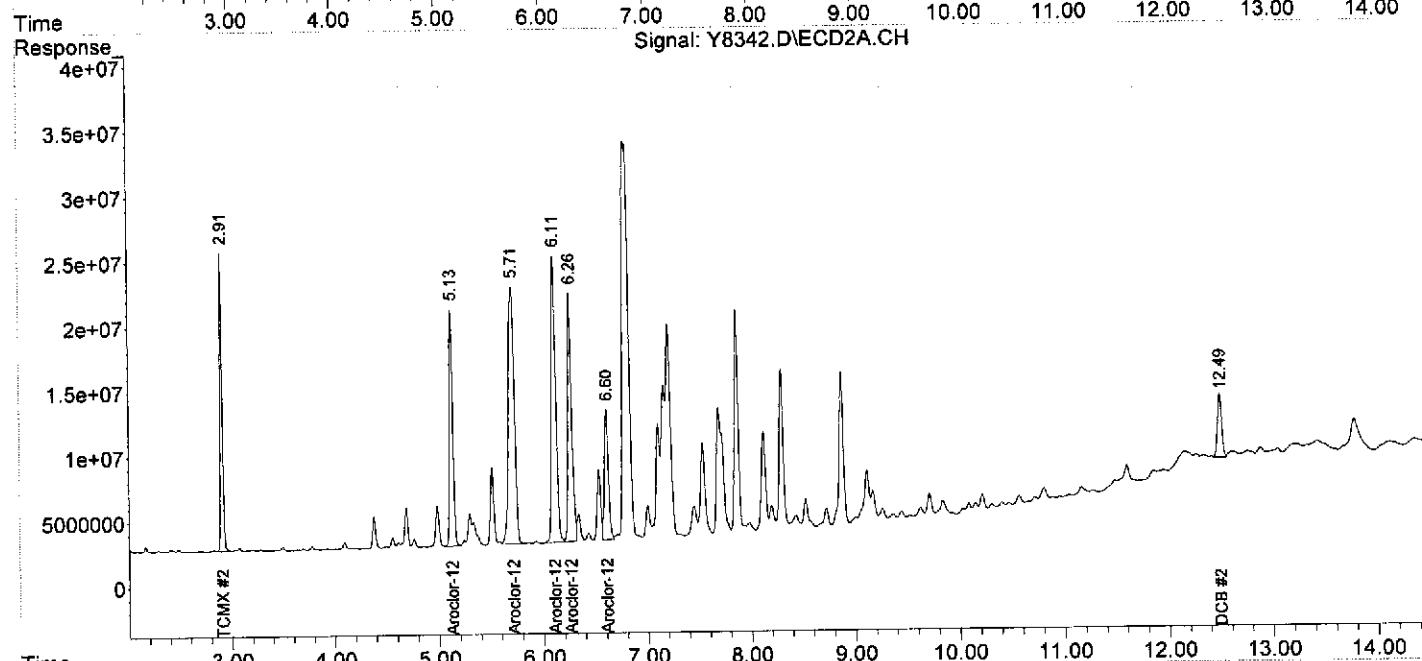
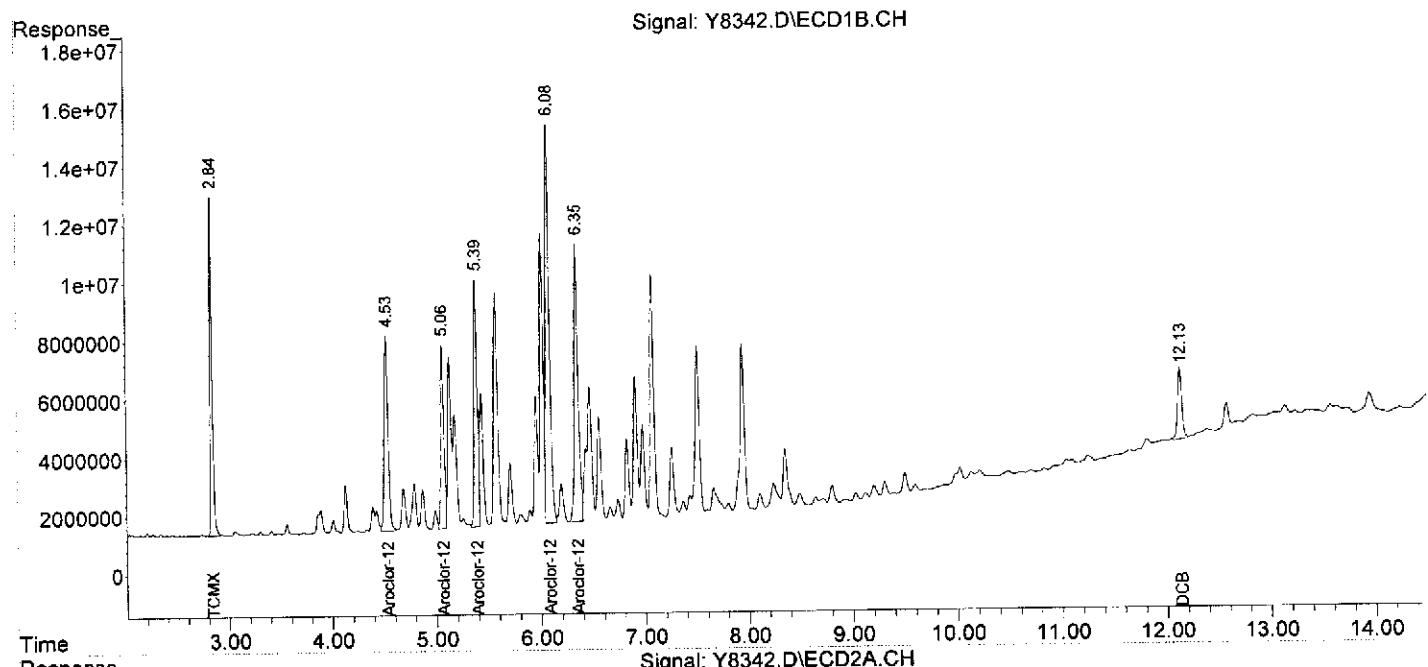
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.84	2.91	175.6E6	355.0E6	40.074	48.354
Spiked Amount	200.000			Recovery	=	20.04% 24.18%
2) S DCB	12.13	12.49	69739181	138.7E6	37.395m	41.907m
Spiked Amount	200.000			Recovery	=	18.70% 20.95%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.53	5.13	177.1E6	402.8E6	658.332	789.334
24) L6 Aroclor-1248	{2}	5.06	5.71	137.8E6	805.7E6	800.139 1038.419 #
25) L6 Aroclor-1248	{3}	5.39	6.11	191.1E6	634.1E6	877.672 1115.038 #
26) L6 Aroclor-1248	{4}	6.08	6.26	345.3E6	506.3E6	1110.437 1032.891
27) L6 Aroclor-1248	{5}	6.35	6.61	249.9E6	262.4E6	971.717 907.877
Sum Aroclor-1248				1101.1E6	2611.2E6	4418.297 4883.558
Average Aroclor-1248						883.659 976.712
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-14-13\
 Data File : Y8342.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 15 May 2013 00:25
 Operator : JS
 Sample : D-32N_(2.0,04119-033,S,5.30g,27.7,05/07/13,4
 Misc : 130507-20,05/03/13,05/03/13,5
 ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 17 16:03:14 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
 Quant Title :
 QLast Update : Wed May 15 18:50:52 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-14-13\
 Data File : Y8338.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 14 May 2013 23:15
 Operator : JS
 Sample : D-31N_(0-2,04119-034,S,5.80g,30.1,05/07/13,4
 Misc : 130507-20,05/03/13,05/03/13,1
 ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 17 15:54:37 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
 Quant Title :
 QLast Update : Wed May 15 18:50:52 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.84	2.91	599.5E6	1214.7E6	136.840	165.432
Spiked Amount	200.000		Recovery	=	68.42%	82.72%
2) S DCB	12.13	12.49	300.8E6	629.5E6	161.283	190.188m
Spiked Amount	200.000		Recovery	=	80.64%	95.09%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.53	5.13	127.2E6	314.6E6	473.093	616.554 #
24) L6 Aroclor-1248 {2}	5.07	5.71	63149396	357.9E6	366.651	461.297 #
25) L6 Aroclor-1248 {3}	5.39	6.11	68640250	238.9E6	315.249	420.171 #
26) L6 Aroclor-1248 {4}	6.08	6.26	153.8E6	182.2E6	494.696	371.784
27) L6 Aroclor-1248 {5}	6.34	0.00	202.6E6	0	787.910	N.D. d#
Sum Aroclor-1248			615.5E6	1093.7E6	2437.600	1869.805
Average Aroclor-1248					487.520	467.451
28) L7 Aroclor-1254	6.47	7.10	83137248	86793892	238.975	121.049 #
29) L7 Aroclor-1254 {2}	6.91	7.71	49180582	402.1E6	218.690	714.063 #
30) L7 Aroclor-1254 {3}	7.08	0.00	215.3E6	0	525.993	N.D. d#
31) L7 Aroclor-1254 {4}	7.51	8.53	89635903	89377058	214.250	270.213 #
32) L7 Aroclor-1254 {5}	8.35	0.00	48762085	0	121.328	N.D. d#
Sum Aroclor-1254			486.0E6	578.3E6	1319.236	1105.324
Average Aroclor-1254					263.847	368.441
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-14-13\
Data File : Y8338.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 May 2013 23:15
Operator : JS
Sample : D-31N_(0-2,04119-034,S,5.80g,30.1,05/07/13,4
Misc : 130507-20,05/03/13,05/03/13,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 17 15:54:37 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
Quant Title :
QLast Update : Wed May 15 18:50:52 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----

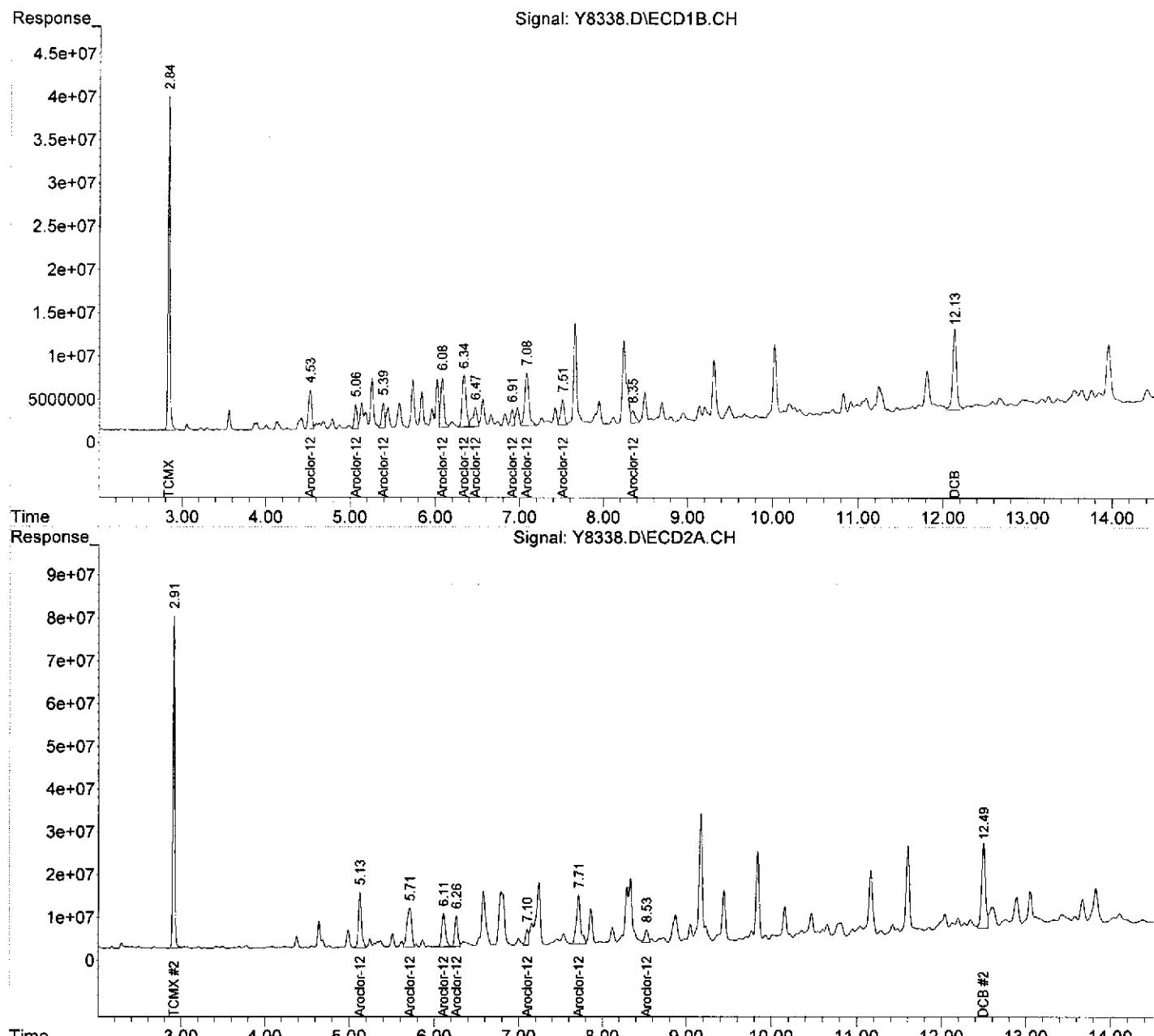
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-14-13\
Data File : Y8338.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 May 2013 23:15
Operator : JS
Sample : D-31N_(0-2,04119-034,S,5.80g,30.1,05/07/13,4
Misc : 130507-20,05/03/13,05/03/13,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 17 15:54:37 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
Quant Title :
QLast Update : Wed May 15 18:50:52 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-14-13\
 Data File : Y8346.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 15 May 2013 1:34
 Operator : JS
 Sample : D-31W_(0-2,04119-035,S,5.60g,27.3,05/07/13,4
 Misc : 130507-20,05/03/13,05/03/13,10
 ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 17 16:09:59 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
 Quant Title :
 QLast Update : Wed May 15 18:50:52 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

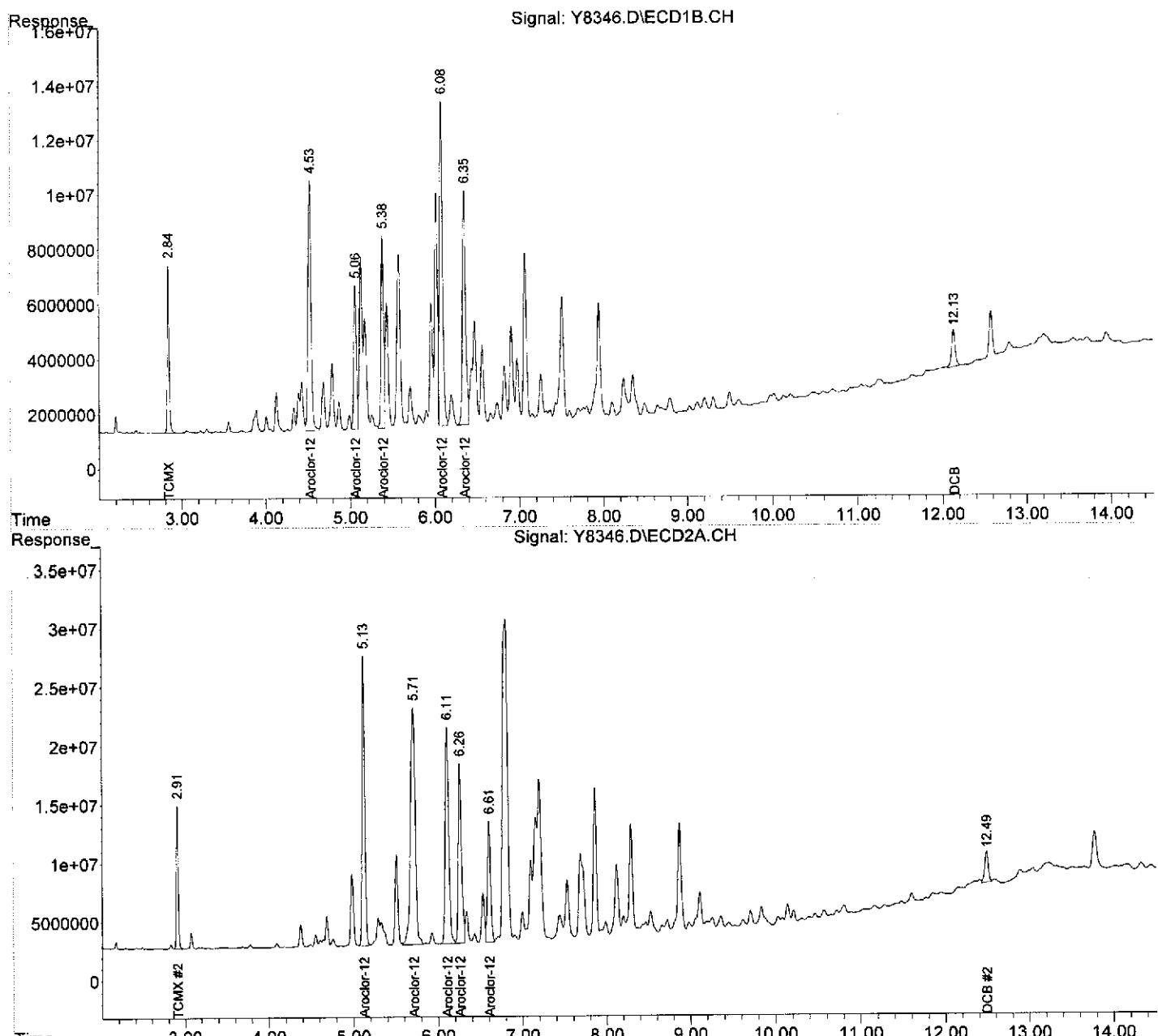
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.84	2.91	93253817	190.5E6	21.287	25.938
Spiked Amount	200.000			Recovery	=	10.64% 12.97%
2) S DCB	12.13	12.49	41282566	77266939	22.136m	23.343m
Spiked Amount	200.000			Recovery	=	11.07% 11.67%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.53	5.13	237.9E6	545.7E6	884.454	1069.433
24) L6 Aroclor-1248 {2}	5.06	5.71	116.6E6	795.0E6	676.941	1024.557 #
25) L6 Aroclor-1248 {3}	5.39	6.11	157.0E6	546.0E6	721.216	960.094 #
26) L6 Aroclor-1248 {4}	6.08	6.26	302.2E6	409.4E6	971.823	835.175
27) L6 Aroclor-1248 {5}	6.35	6.61	223.3E6	266.4E6	868.350	921.667
Sum Aroclor-1248			1037.0E6	2562.4E6	4122.785	4810.926
Average Aroclor-1248					824.557	962.185
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-14-13\
 Data File : Y8346.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 15 May 2013 1:34
 Operator : JS
 Sample : D-31W_(0-2,04119-035,S,5.60g,27.3,05/07/13,4
 Misc : 130507-20,05/03/13,05/03/13,10
 ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 17 16:09:59 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
 Quant Title :
 QLast Update : Wed May 15 18:50:52 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-14-13\
 Data File : Y8339.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 14 May 2013 23:32
 Operator : JS
 Sample : E-31N_(0-2,04119-036,S,5.80g,11.9,05/07/13,4
 Misc : 130507-20,05/03/13,05/03/13,1
 ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 17 15:57:59 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
 Quant Title :
 QLast Update : Wed May 15 18:50:52 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.84	2.91	599.9E6	1225.8E6	136.942	166.943
Spiked Amount	200.000			Recovery	= 68.47%	83.47%
2) S DCB	12.13	12.49	318.1E6	623.1E6	170.573	188.241m
Spiked Amount	200.000			Recovery	= 85.29%	94.12%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.53	5.13	105.0E6	246.4E6	390.542	482.795
24) L6 Aroclor-1248 {2}	5.06	5.71	63077015	361.6E6	366.231	465.982 #
25) L6 Aroclor-1248 {3}	5.39	6.11	79693274	278.4E6	366.013	489.513 #
26) L6 Aroclor-1248 {4}	6.08	6.26	198.8E6	216.3E6	639.342	441.283 #
27) L6 Aroclor-1248 {5}	6.35	6.59	202.0E6	282.4E6	785.480	977.206
Sum Aroclor-1248			648.6E6	1385.0E6	2547.608	2856.779
Average Aroclor-1248					509.522	571.356
28) L7 Aroclor-1254	6.47	7.10	82460707	122.6E6	237.031	171.027 #
29) L7 Aroclor-1254 {2}	6.91	7.71	73857601	344.0E6	328.421	610.860 #
30) L7 Aroclor-1254 {3}	7.07	0.00	196.5E6	0	480.109	N.D. d#
31) L7 Aroclor-1254 {4}	7.51	8.52	115.1E6	61331344	275.089	185.422 #
32) L7 Aroclor-1254 {5}	8.35	9.12	62049762	79723276	154.389	99.670 #
Sum Aroclor-1254			530.0E6	607.7E6	1475.039	1066.980
Average Aroclor-1254					295.008	266.745
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-14-13\
Data File : Y8339.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 May 2013 23:32
Operator : JS
Sample : E-31N_(0-2,04119-036,S,5.80g,11.9,05/07/13,4
Misc : 130507-20,05/03/13,05/03/13,1
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 17 15:57:59 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
Quant Title :
QLast Update : Wed May 15 18:50:52 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

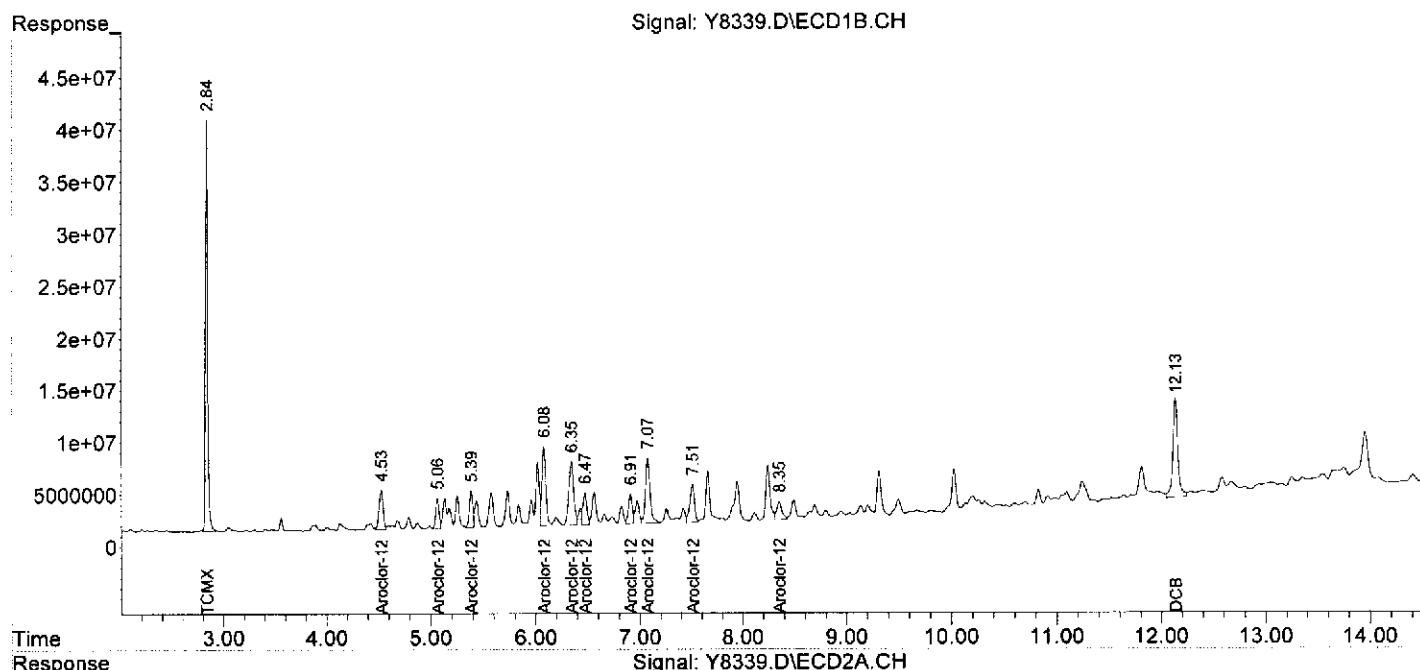
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-14-13\
 Data File : Y8339.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 14 May 2013 23:32
 Operator : JS
 Sample : E-31N_(0-2,04119-036,S,5.80g,11.9,05/07/13,4
 Misc : 130507-20,05/03/13,05/03/13,1
 ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 17 15:57:59 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
 Quant Title :
 QLast Update : Wed May 15 18:50:52 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-14-13\
 Data File : Y8340.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 14 May 2013 23:50
 Operator : JS
 Sample : F-30W_(0-2,04119-037,S,5.50g,13.6,05/07/13,4
 Misc : 130507-20,05/03/13,05/03/13,1
 ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 17 15:59:31 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
 Quant Title :
 QLast Update : Wed May 15 18:50:52 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.84	2.91	686.2E6	1382.2E6	156.645	188.240
Spiked Amount	200.000		Recovery	=	78.32%	94.12%
2) S DCB	12.13	12.49	332.0E6	660.4E6	178.036	199.516m
Spiked Amount	200.000		Recovery	=	89.02%	99.76%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.53	5.13	299.0E6	683.3E6	1111.698	1338.967
24) L6 Aroclor-1248	{2}	5.07	5.71	152.6E6	1000.5E6	885.763
25) L6 Aroclor-1248	{3}	5.39	6.11	266.2E6	770.6E6	1222.646
26) L6 Aroclor-1248	{4}	6.08	6.26	365.7E6	615.6E6	1176.161
27) L6 Aroclor-1248	{5}	6.35	6.61	296.5E6	337.2E6	1152.991
Sum Aroclor-1248			1379.9E6	3407.3E6	5549.258	6406.476
Average Aroclor-1248					1109.852	1281.295
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

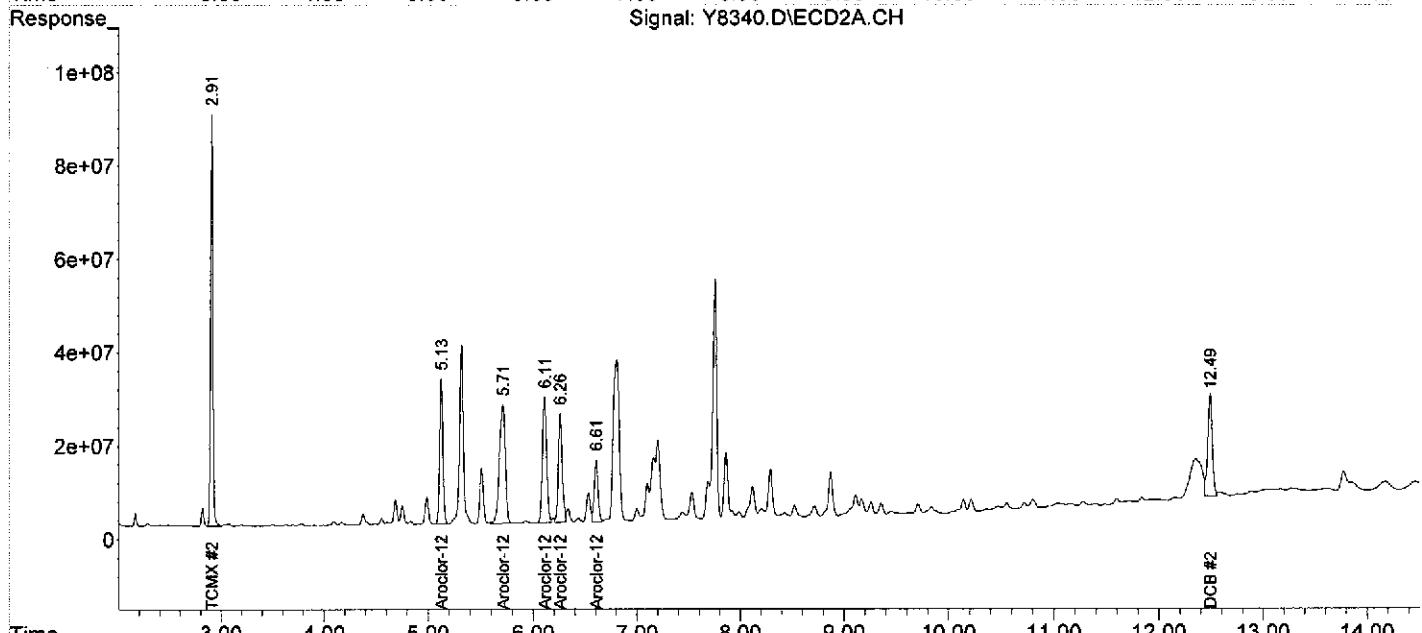
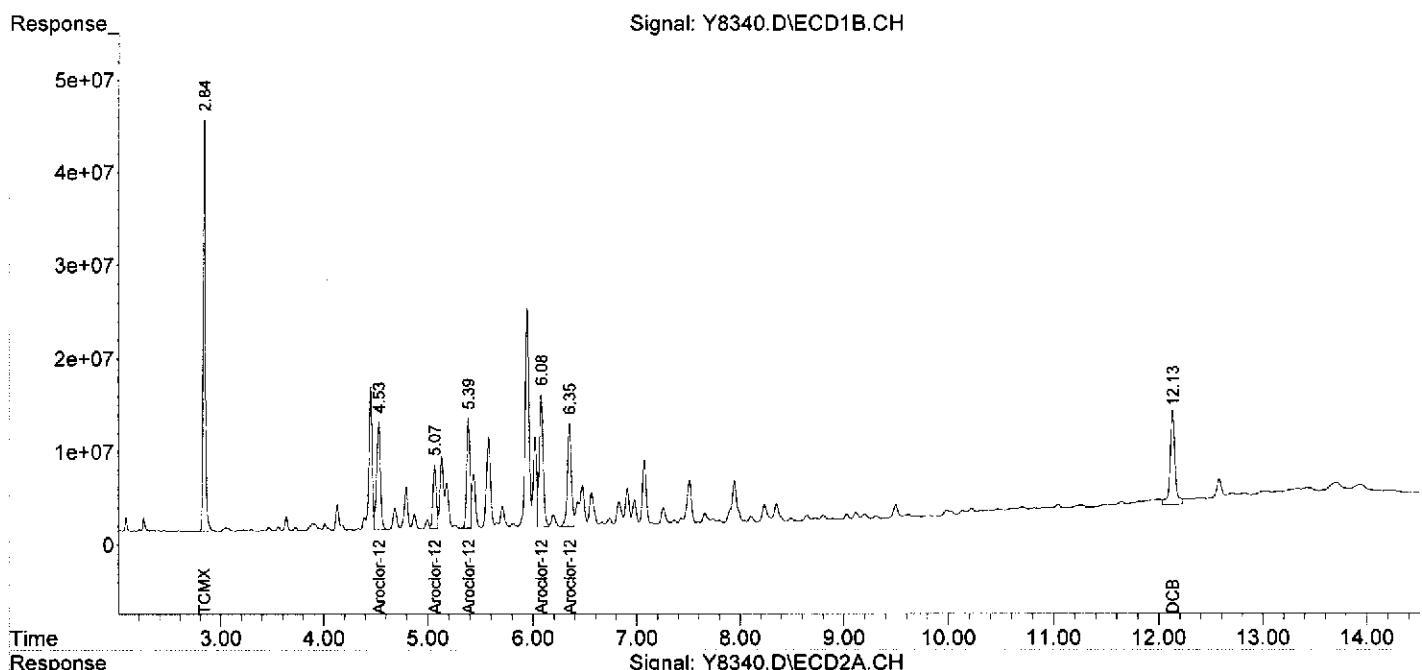
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-14-13\
Data File : Y8340.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 May 2013 23:50
Operator : JS
Sample : F-30W_(0-2,04119-037,S,5.50g,13.6,05/07/13,4
Misc : 130507-20,05/03/13,05/03/13,1
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 17 15:59:31 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
Quant Title :
QLast Update : Wed May 15 18:50:52 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Data Path : C:\MSDCHEM\1\DATA\05-14-13\
 Data File : Y8341.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 15 May 2013 00:07
 Operator : JS
 Sample : F-30N_(0-2,04119-038,S,5.70g,30.5,05/07/13,4
 Misc : 130507-20,05/03/13,05/03/13,1
 ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 17 16:01:17 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
 Quant Title :
 QLast Update : Wed May 15 18:50:52 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.84	2.91	627.7E6	1273.1E6	143.274	173.382
Spiked Amount	200.000			Recovery	= 71.64%	86.69%
2) S DCB	12.13	12.49	280.9E6	607.3E6	150.616	183.469m
Spiked Amount	200.000			Recovery	= 75.31%	91.73%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
(3) L6 Aroclor-1248	4.52	5.12	242.0E6	546.9E6	899.705	1071.834
(4) L6 Aroclor-1248 {2}	5.07	5.71	172.7E6	1133.8E6	1002.855	1461.248 #
(5) L6 Aroclor-1248 {3}	5.39	6.11	136.5E6	502.6E6	627.118	883.769 #
(6) L6 Aroclor-1248 {4}	6.08	6.26	182.2E6	399.1E6	586.064	814.309 #
(7) L6 Aroclor-1248 {5}	6.35	6.61	138.4E6	150.9E6	538.287	522.216
Sum Aroclor-1248			871.9E6	2733.4E6	3654.028	4753.376
Average Aroclor-1248					730.806	950.675
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

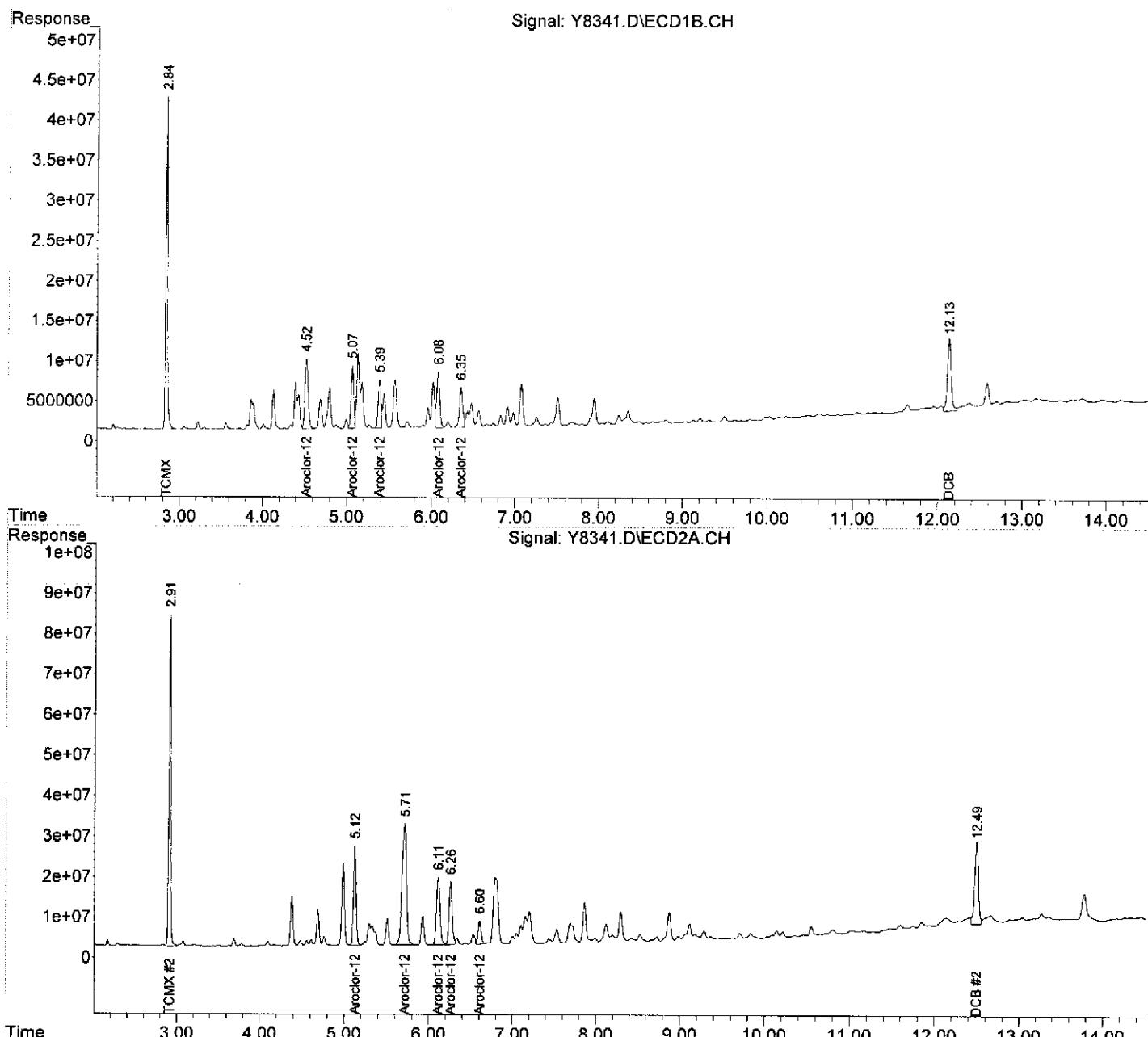
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-14-13\
Data File : Y8341.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 15 May 2013 00:07
Operator : JS
Sample : F-30N (0-2,04119-038,S,5.70g,30.5,05/07/13,4
Misc : 130507-20,05/03/13,05/03/13,1
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 17 16:01:17 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
Quant Title :
QLast Update : Wed May 15 18:50:52 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-13-13\
 Data File : Y8283.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 14 May 2013 3:27
 Operator : JS
 Sample : FB-82,04119-039,A,1000ml,100,05/09/13,1
 Misc : 130509-09,05/03/13,05/03/13,1
 ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 17 11:36:34 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
 Quant Title :
 QLast Update : Wed May 15 18:50:52 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

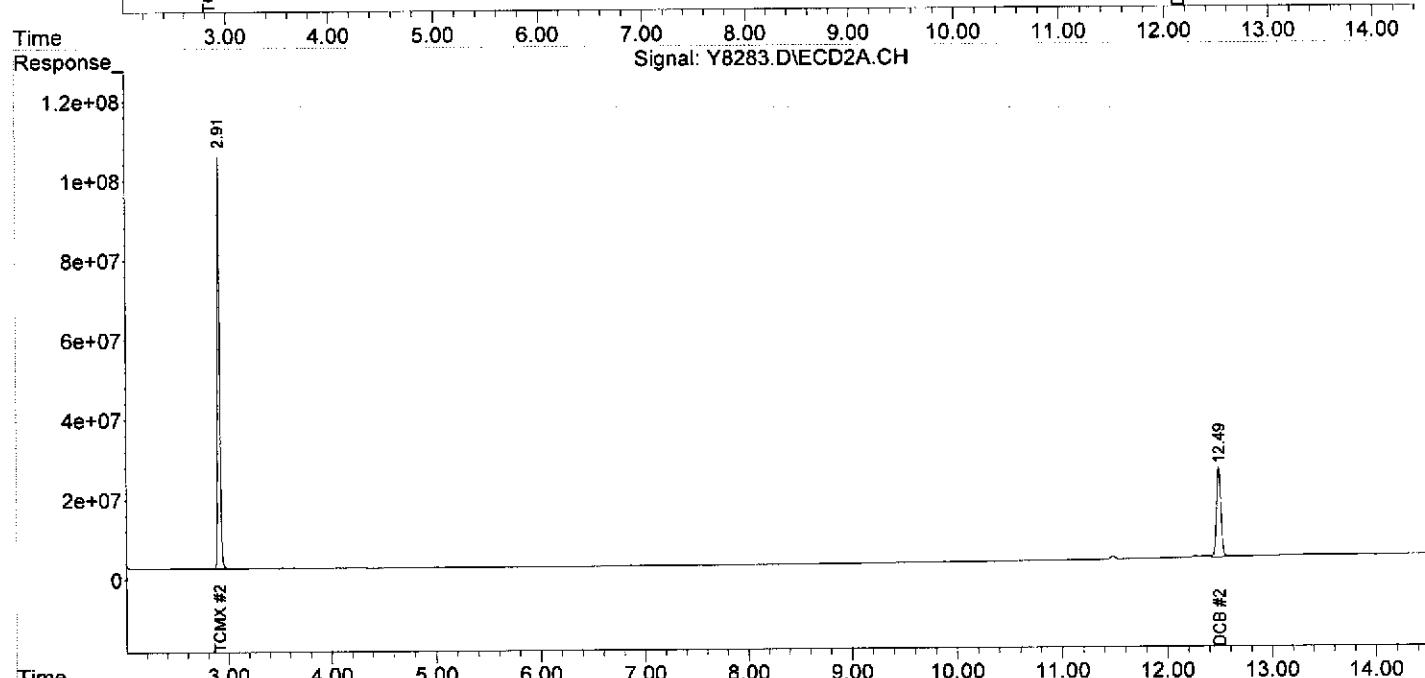
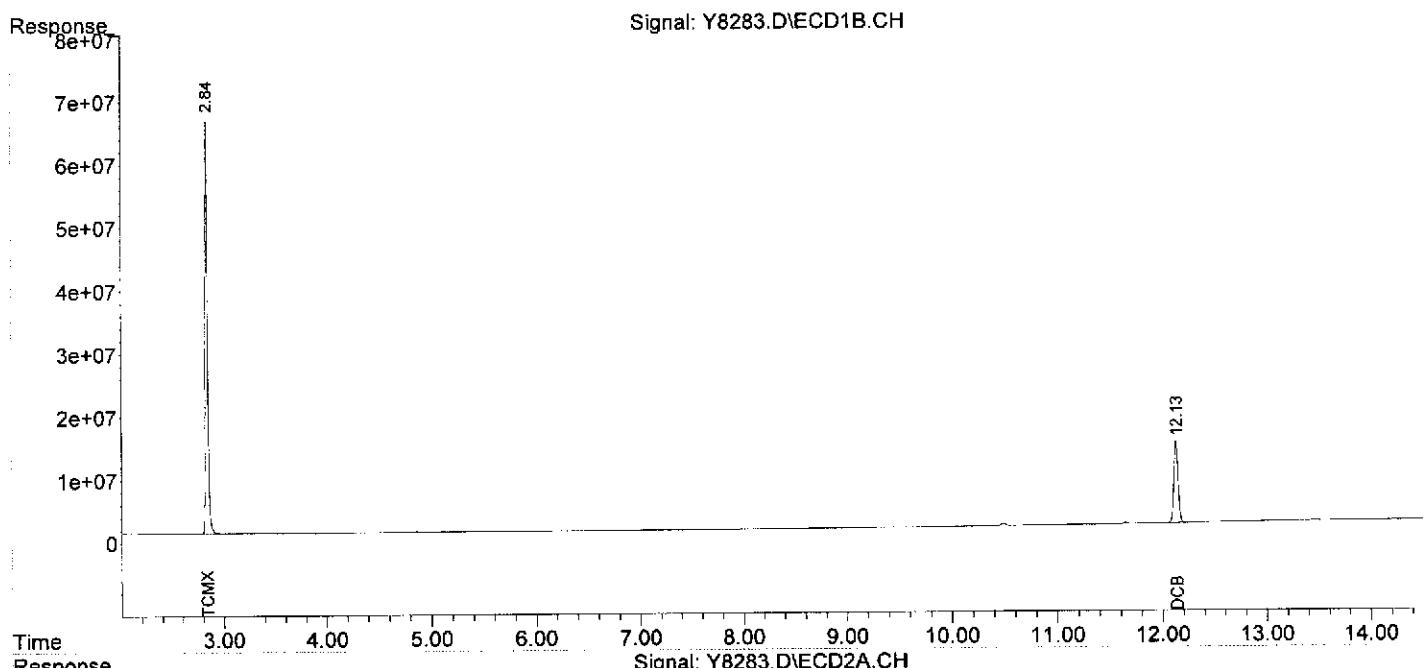
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.84	2.91	1026.6E6	1646.5E6	234.328	224.234
Spiked Amount	200.000			Recovery	= 117.16%	112.12%
2) S DCB	12.13	12.49	369.0E6	660.8E6	197.886	199.623
Spiked Amount	200.000			Recovery	= 98.94%	99.81%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : C:\MSDCHEM\1\DATA\05-13-13\
Data File : Y8283.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 May 2013 3:27
Operator : JS
Sample : FB-82, 04119-039, A, 1000ml, 100, 05/09/13, 1
Misc : 130509-09, 05/03/13, 05/03/13, 1
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 17 11:36:34 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
Quant Title :
QLast Update : Wed May 15 18:50:52 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: BLKA130502-08

Client ID: PCB

Date Received: NA

Date Extracted: 05/02/2013

Date Analyzed: 05/08/2013

Data file: R9852.D

GC Column: DB-5/DB1701P

Sample wt/vol: 1000ml

Matrix-Units: Aqueous- μ g/L (ppb)

Dilution Factor: 1

% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: BLKA130509-09
Client ID: PCB
Date Received: NA
Date Extracted: 05/09/2013
Date Analyzed: 05/14/2013
Data file: Y8278.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous- μ g/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-08-13\
 Data File : R9852.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 08 May 2013 17:25
 Operator : JS
 Sample : PCB, BLKA130502-08,A,1000ml,100,05/02/13,1
 Misc : NA,NA,NA,1
 ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 09 12:57:32 2013
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
 Quant Title :
 QLast Update : Tue May 07 17:48:41 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.75	2.61	2201.2E6	2465.5E6	163.275	162.817
Spiked Amount	200.000				Recovery =	81.64% 81.41%
2) S DCB	12.10	12.03	626.3E6	699.6E6	205.758	202.386
Spiked Amount	200.000				Recovery =	102.88% 101.19%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
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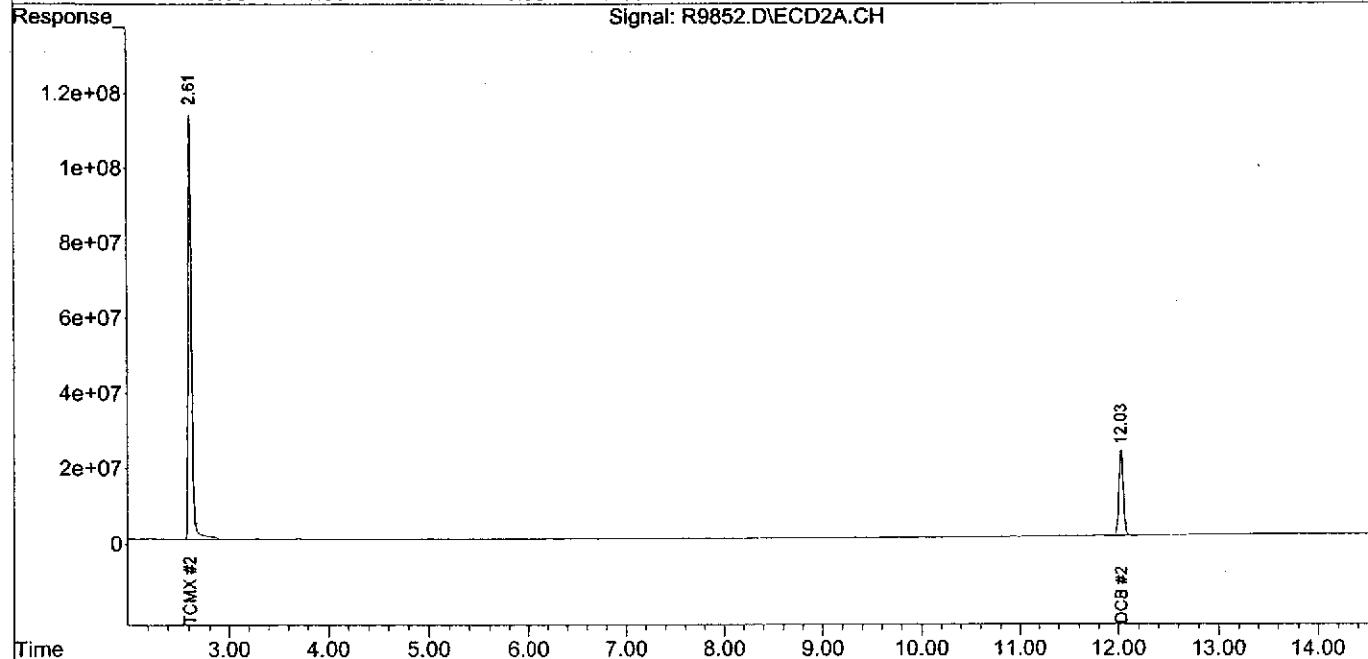
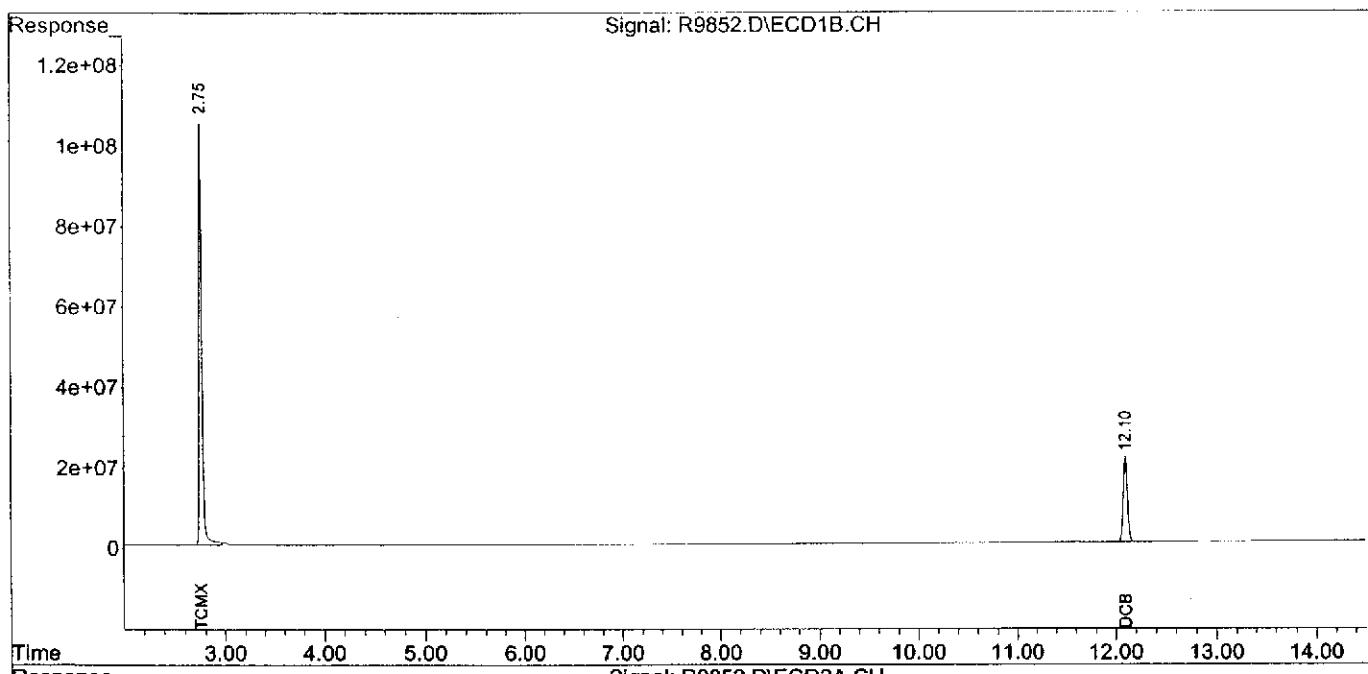
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-08-13\
 Data File : R9852.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 08 May 2013 17:25
 Operator : JS
 Sample : PCB, BLKA130502-08,A,1000ml,100,05/02/13,1
 Misc : NA,NA,NA,1
 ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 09 12:57:32 2013
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0417.M
 Quant Title :
 QLast Update : Tue May 07 17:48:41 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-13-13\
 Data File : Y8278.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 14 May 2013 2:00
 Operator : JS
 Sample : PCB, BLKA130509-09,A,1000ml,100,05/09/13,1
 Misc : NA,NA,NA,1
 ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 17 11:30:09 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
 Quant Title :
 QLast Update : Wed May 15 18:50:52 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.84	2.91	834.7E6	1338.8E6	190.533	182.335
Spiked Amount	200.000		Recovery	=	95.27%	91.17%
2) S DCB	12.13	12.49	338.5E6	659.6E6	181.484	199.283
Spiked Amount	200.000		Recovery	=	90.74%	99.64%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

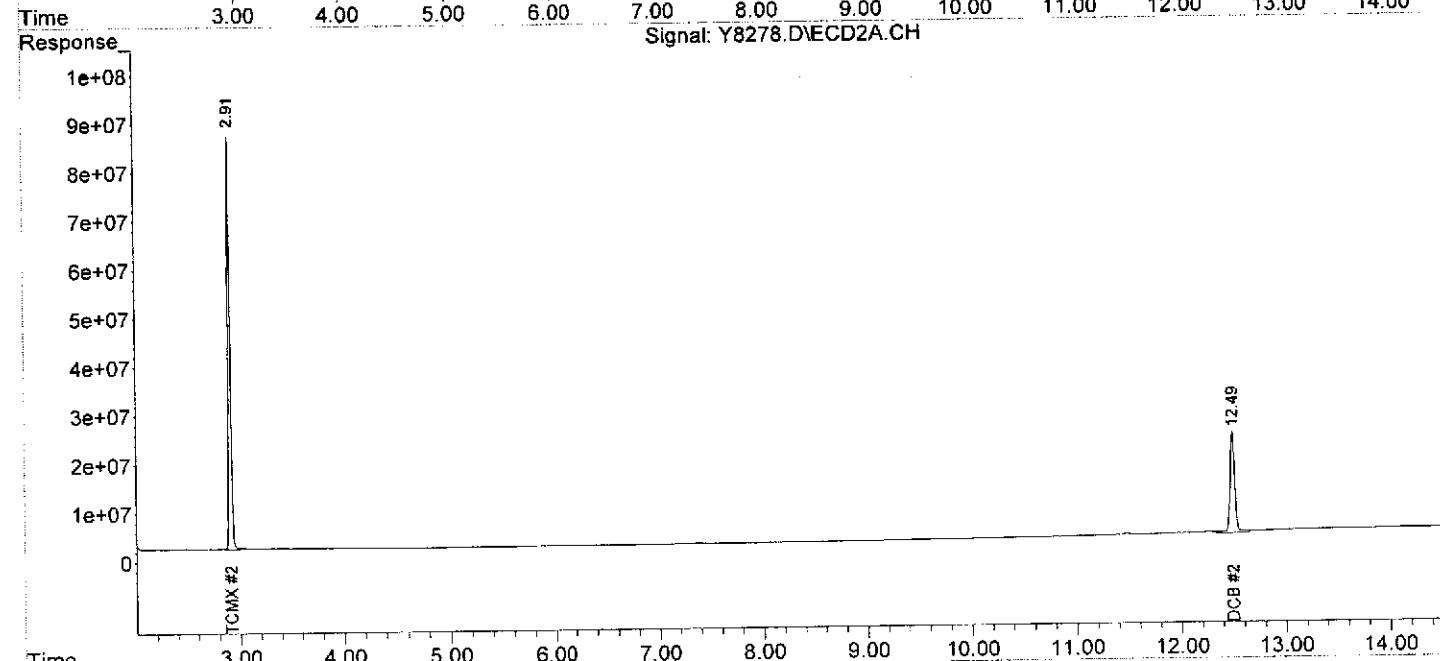
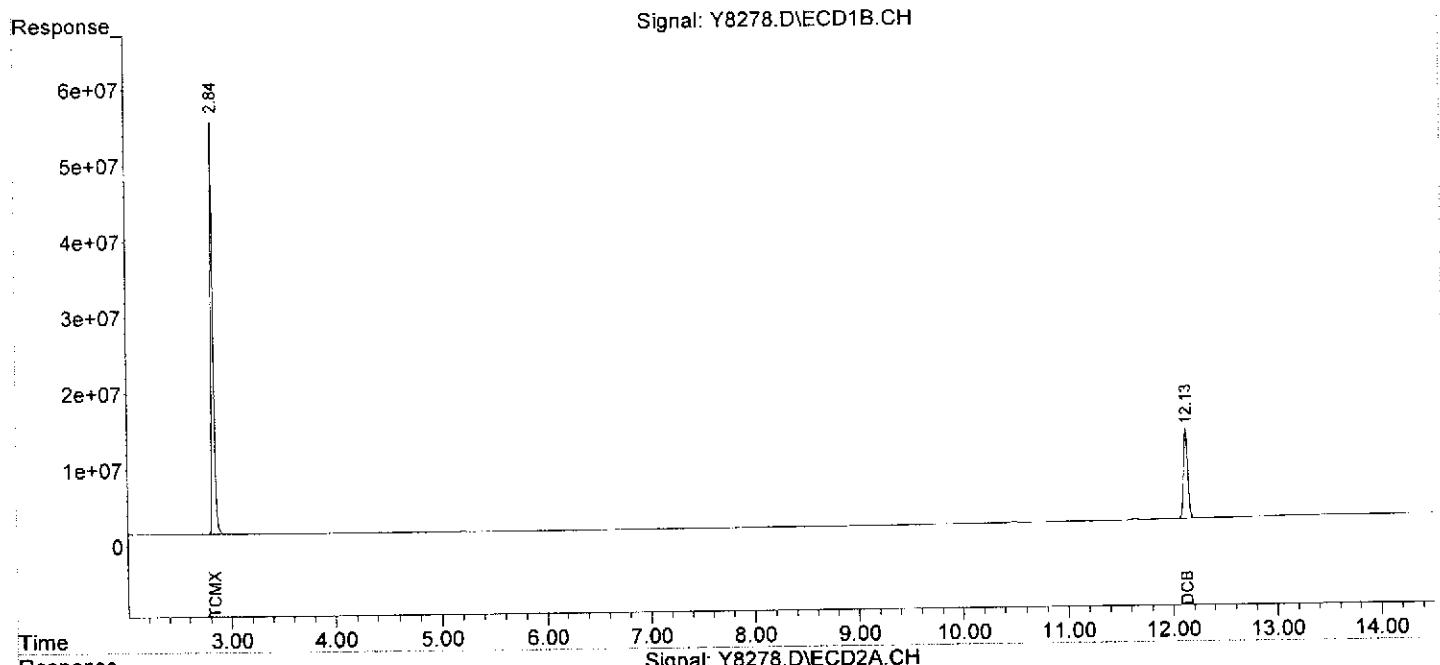
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-13-13\
Data File : Y8278.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 May 2013 2:00
Operator : JS
Sample : PCB, BLKA130509-09, A, 1000ml, 100, 05/09/13, 1
Misc : NA, NA, NA, 1
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 17 11:30:09 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
Quant Title :
QLast Update : Wed May 15 18:50:52 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: BLKS130507-20

GC Column: DB-5/DB1701P

Client ID: PCB

Sample wt/vol: 5.00g

Date Received: NA

Matrix-Units: Soil-mg/Kg (ppm)

Date Extracted: 05/07/2013

Dilution Factor: 1

Date Analyzed: 05/14/2013

% Moisture: NA

Data file: Y8305.D

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Data Path : C:\MSDCHEM\1\DATA\05-14-13\
 Data File : Y8305.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 14 May 2013 10:31
 Operator : JS
 Sample : PCB,BLKS130507-20,S,5.00g,0,05/07/13,4
 Misc : NA,NA,NA,1
 ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 17 14:00:47 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
 Quant Title :
 QLast Update : Wed May 15 18:50:52 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.84	2.91	785.3E6	1275.4E6	179.257	173.692
Spiked Amount	200.000		Recovery	=	89.63%	86.85%
2) S DCB	12.13	12.49	321.7E6	665.0E6	172.499	200.908
Spiked Amount	200.000		Recovery	=	86.25%	100.45%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

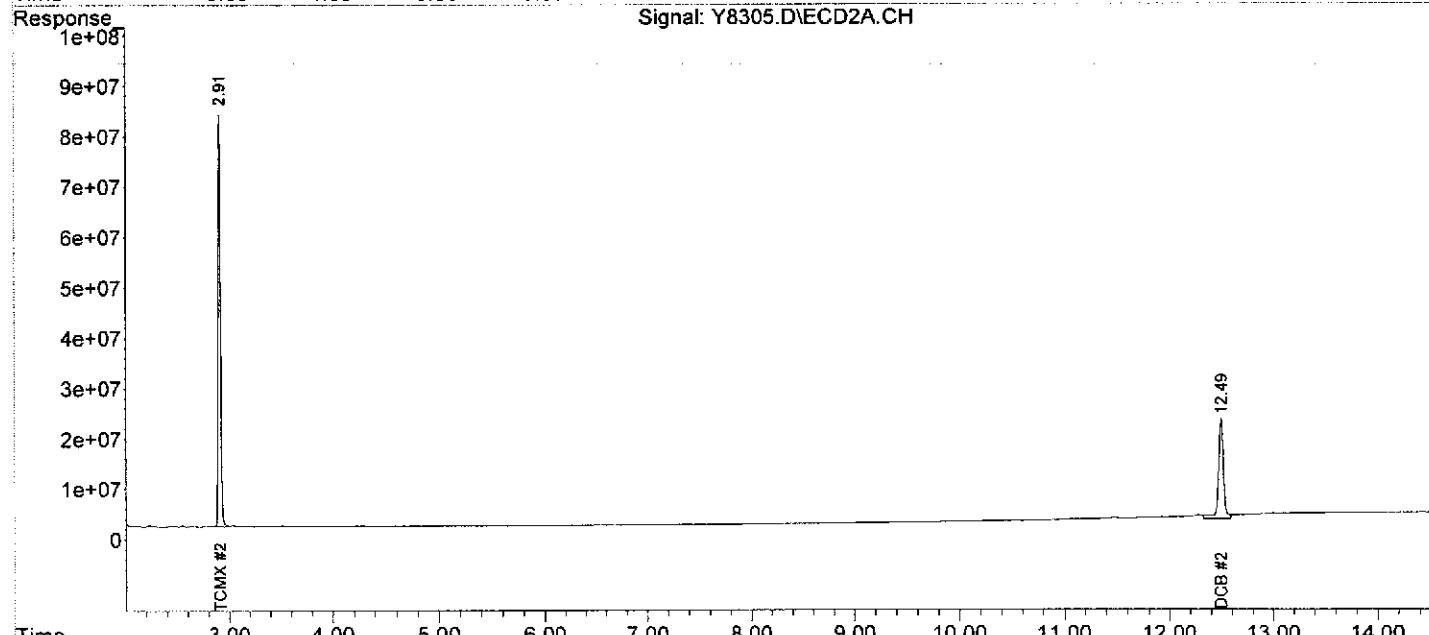
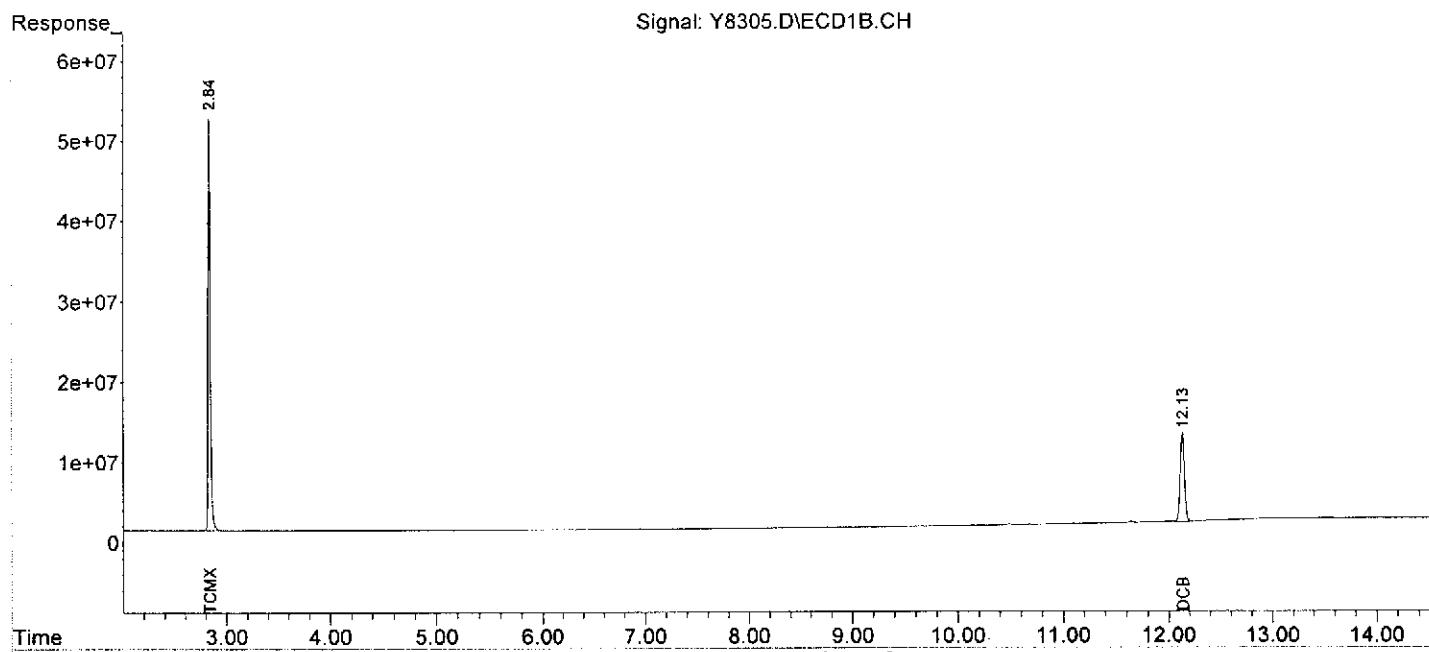
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-14-13\
Data File : Y8305.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 May 2013 10:31
Operator : JS
Sample : PCB, BLKS130507-20, S, 5.00g, 0, 05/07/13, 4
Misc : NA, NA, NA, 1
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 17 14:00:47 2013
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0513.M
Quant Title :
QLast Update : Wed May 15 18:50:52 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: BLKS130507-18
Client ID: PCB
Date Received: NA
Date Extracted: 05/07/2013
Date Analyzed: 05/17/2013
Data file: R0350.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : R0350.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 17 May 2013 21:15
 Operator : JS
 Sample : PCB, BLKS130507-18,S,5.00g,0,05/07/13,4
 Misc : NA,NA,NA,1
 ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 20 14:41:57 2013
 Quant Method : C:\MSDCHEM\1\METHODS\RPCB0516.M
 Quant Title :
 QLast Update : Fri May 17 09:43:17 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>						
System Monitoring Compounds						
1) S TCMX	2.75	2.59	1992.7E6	2312.7E6	171.266	171.413
Spiked Amount	200.000				Recovery =	85.63% 85.71%
2) S DCB	12.09	12.00	620.2E6	724.7E6	180.883	180.711
Spiked Amount	200.000				Recovery =	90.44% 90.36%
<hr/>						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000
<hr/>						

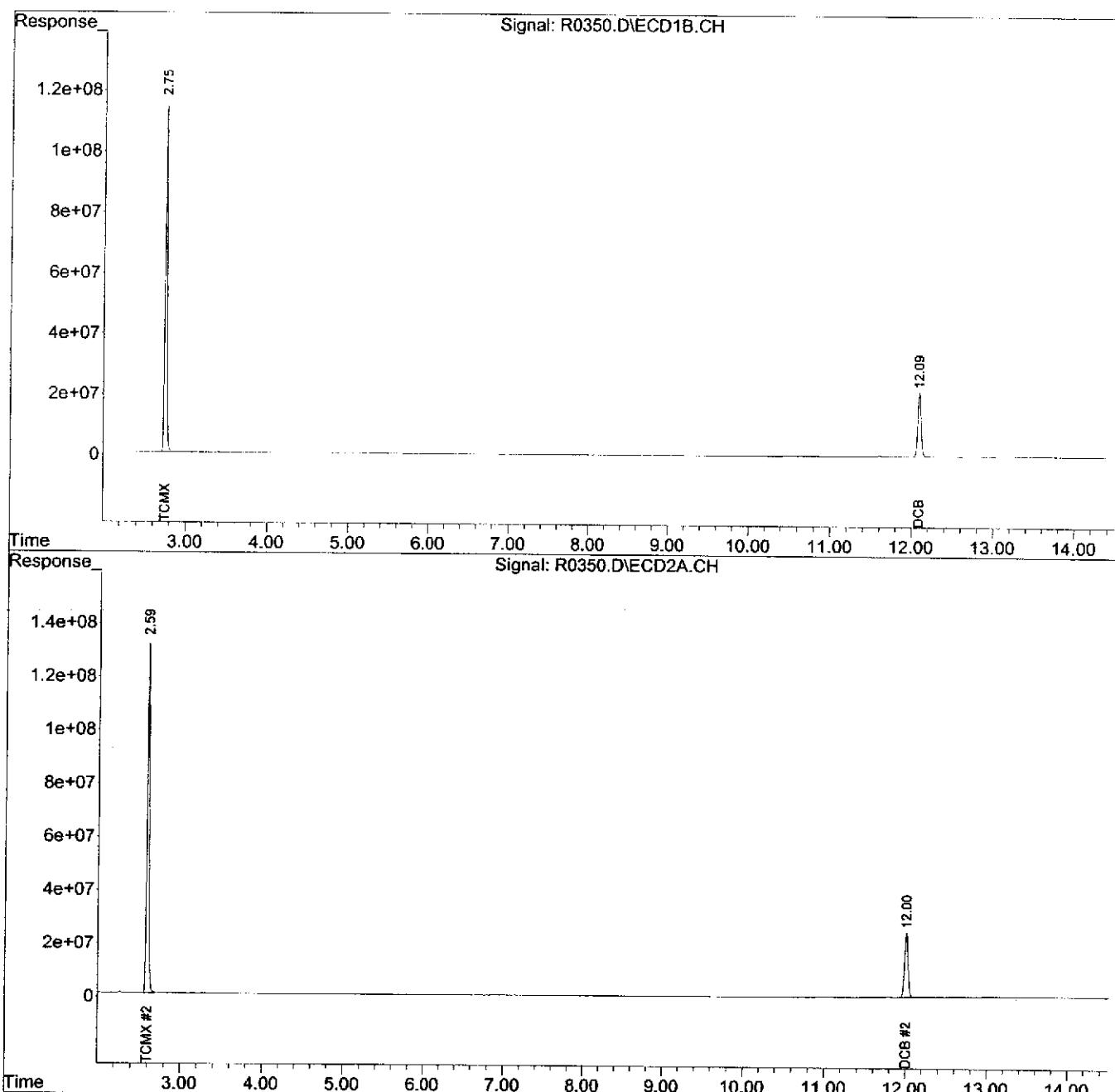
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
Data File : R0350.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 May 2013 21:15
Operator : JS
Sample : PCB, BLKS130507-18,S,5.00g,0,05/07/13,4
Misc : NA,NA,NA,1
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: May 20 14:41:57 2013
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0516.M
Quant Title :
QLast Update : Fri May 17 09:43:17 2013
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



INTEGRATED ANALYTICAL LABORATORIES**PCB's**

Lab ID: BLKS130507-19

Client ID: PCB

Date Received: NA

Date Extracted: 05/07/2013

Date Analyzed: 05/17/2013

Data file: Y8489.D

GC Column: DB-5/DB1701P

Sample wt/vol: 5.00g

Matrix-Units: Soil-mg/Kg (ppm)

Dilution Factor: 1

% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8489.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 17 May 2013 20:06
 Operator : NG
 Sample : PCB,BLK5130507-19,S,5.00g,0,05/07/13,4
 Misc : NA,NA,NA,1
 ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 18 19:46:46 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
<hr/>							
1)	S TCMX	2.78	2.91	402.8E6	1188.6E6	111.276	150.920 #
	Spiked Amount	200.000			Recovery	= 55.64%	75.46%
2)	S DCB	12.05	12.54	209.3E6	643.9E6	150.585	181.872m
	Spiked Amount	200.000			Recovery	= 75.29%	90.94%
<hr/>							
Target Compounds							
	Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016						0.000	0.000
	Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221						0.000	0.000
	Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232						0.000	0.000
	Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242						0.000	0.000
	Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248						0.000	0.000
	Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254						0.000	0.000
	Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260						0.000	0.000
	Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262						0.000	0.000
	Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268						0.000	0.000
<hr/>							

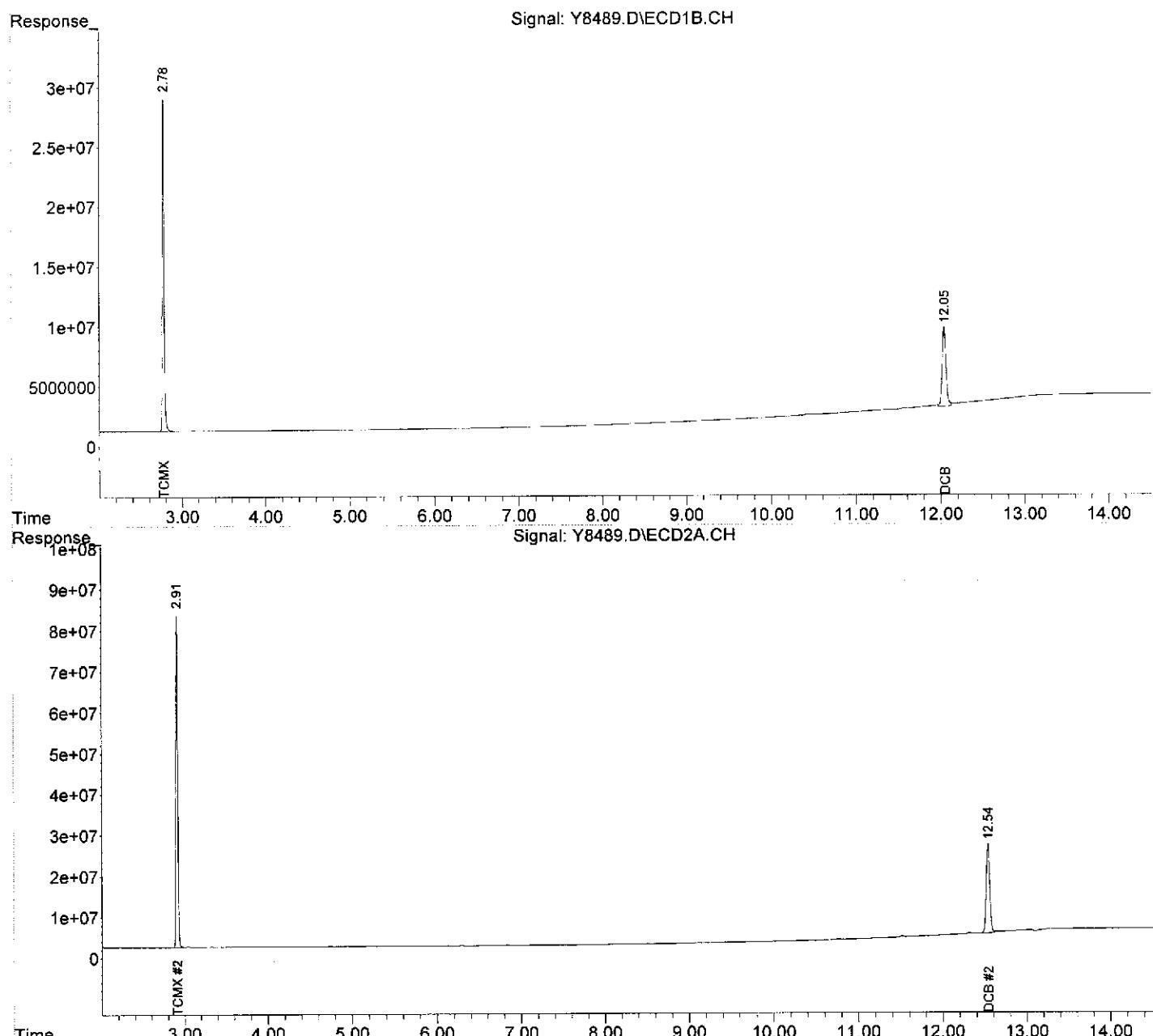
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\05-17-13\
 Data File : Y8489.D
 Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
 Acq On : 17 May 2013 20:06
 Operator : NG
 Sample : PCB, BLKS130507-19, S, 5.00g, 0, 05/07/13, 4
 Misc : NA, NA, NA, 1
 ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
 Integration File signal 2: EVENTS2.E
 Quant Time: May 18 19:46:46 2013
 Quant Method : C:\MSDCHEM\1\METHODS\YPCB0517.M
 Quant Title :
 QLast Update : Sat May 18 18:00:38 2013
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

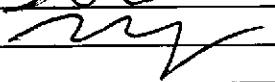
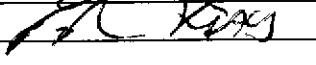
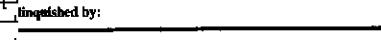
Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



SAMPLE TRACKING

CUSTOMER INFO		REPORTING INFO		Turnaround Time (starts the following day if samples rec'd at lab > 5PM)															
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby		*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE															
Address: 2109 Bridge Ave., Bldg. B	Address:	same																	
Point Pleasant, NJ 07872																			
Telephone #: (732) 295-2144		Attn:																	
Fax #: (732) 295-2150		FAX # (732) 295-2150																	
Project Manager: James Clabby		INVOICE TO:	Aceto Corp.																
EMAIL Address: jclabby@jmceenvironmental.com		Address: 4 Tri Harbor Court		Verbal/Fax: Std 2 wk unless otherwise specified															
Sampler: Steve Kosch, Chris Cho		Port Washington, NY 11050		24 hr** 48 hr** 72 hr** 96 hr** 1 wk**															
Project Name: Arsynco		(with copy to: JMC Environmental (attn.: J. Clabby))		Other** (specify): _____															
Project Location (State): NJ		Attn: Ed Kelly		Hard Copy: Std 3 week * Other - call for price															
Bottle Order #:		PO # 22126																	
Quote #: SR041205		Sample Matrix																	
SAMPLE INFORMATION																			
DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe																			
Client ID	Depth (ft only)	Sampling		Matrix	# containers	IAL #	ANALYTICAL PARAMETERS												# BOTTLES & PRESERVATIVES
		Date	Time				TCL PCB (8082)												
J-36S (2.0-4.0)		5/3/13	8:24	S	1	1	x												HCl
I-37N (0-2.0)			8:35	S	1	2	x												HNO3
I-37S (0-2.0)			8:48	S	1	2	x												MeOH
I-37W (0-2.0)			8:57	S	1	1	x												H2SO4
H-36S (0-2.0)			9:08	S	1	5	x												NaOH/NaCl
H-36S (2.0-4.0)			9:09	S	1	4	x												Sterile
H-36E (0-2.0)			9:30	S	1	3	x												
H-36E (4.0-6.0)		V	9:31	S	1	3	x												
Known Hazard: Yes or No		Describe: Conc. Expected: Low Med High		VDL Ref: GWQS (1/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)															

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one):	IAL Courier	Client Courier	FedEx/UPS				
Signature/Company	Date	Time	Signature/Company	Date	Time	Comments:	
Relinquished by: 	5/3/13	1530	Received by: 	5/3/13	1530		
Relinquished by: 	5/3/13	1705	Received by: 	5/3/13	1705		
Relinquished by: 			Received by:				
Relinquished by: 			Received by:				
Relinquished by: 			Received by:				

3 COPIES - WHITE & YELLOW; CLIENT COPY - PINK
0219

4119

PAGE: 1 of 5

CUSTOMER INFO		REPORTING INFO		Turnaround Time (starts the following day if samples rec'd at lab > 5PM)												
Company: JMC Environmental Consultants, Inc.		REPORT TO: James Clabby		*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE												
Address: 2109 Bridge Ave., Bldg. B		Address: same														
Point Pleasant, NJ 08742																
Telephone #: (732) 295-2144		Attn:		PHC - MUST CHOOSE												
Fax #: (732) 295-2150		FAX # (732) 295-2150		NJ EPH DRO (5 day TAT)					NJ EPH Fractionated (5 day TAT)					Rush TAT Charge ** 24 hr - 100%... 48 hr - 75%... 72 hr - 50%... 96 hr - 35%... 5 day - 25%... 6-9 day 10%	Report Format Results Only Reduced Regulatory - 15% Surcharge applies Other (describe)	EDD's SRP format lab approved custom EDD
Project Manager: James Clabby		INVOICE TO: Aceto Corp.		NJ EPH - C40 (5 day TAT)					QAM025 (5 day TAT)							
EMAIL Address: jclabby@jmceenvironmental.com		Address: 4 Tri Harbor Court		DRO-8015 (3-5 day TAT)					QAM025 (5 day TAT)							
Sampler: Steve Kosch, Chris Cho		Port Washington, NY 11050		Verbal/Fax: Std 2 wk unless otherwise specified												
Project Name: Arsynco		(with copy to: JMC Environmental (attn.: J. Clabby))		24 hr** 48 hr** 72 hr** 96 hr** 1 wk**												
Project Location (State): NJ		Attn: Ed Kelly		Other** (specify): _____												
Bottle Order #:		PO # 22126		Hard Copy: Std 3 week * Other - call for price												
Quote #: SR041205		Sample Matrix		ANALYTICAL PARAMETERS												
DW - Drinking Water AQ - Aqueous WW - Waste Water		OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)														
S - Soil SL - Sludge SOL - Solid W - Wipe				# BOTTLES & PRESERVATIVES												
SAMPLE INFORMATION																
Client ID	Depth (ft only)	Sampling		# container(s)	IAL #	TCL PCB (8082)										
		Date	Time													
J-36W (0-2.0)		5/3/13	9:48	S	1	9	x								HCl	
J-36W (2.0-4.0)			9:49	S	1	10	x								ENOB	
J-35S (2.0-4.0)			10:00	S	1	11	x								MeOH	
J-36E (0-2.0)			10:15	S	1	12	x								HSO4	
J-36E (2.0-4.0)			10:16	S	1	13	x								NaOH/ZnAc	
K-35S (0-2.0)			10:27	S	1	14	x								Sterile	
K-35E (0-2.0)			10:39	S	1	15	x									
K-35N (0-2.0)	V		10:51	S	1	16	x									
Known Hazard: Yes or No Describe: Conc. Expected: Low Med High		MDL Req: GWQS (11/08) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)														

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one):	IAL Courier	Client Courier	FedEx/UPS				
Signature/Company		Date	Time	Signature/Company		Date	Time
Relinquished by:	<i>Steve</i>	5/3/13	1530	Received by:	<i>JK</i>	5/3/13	1530
Relinquished by:	<i>Steve</i>	5/3/13	1705	Received by:	<i>JK</i>	5/3/13	1705
Relinquished by:				Received by:			
Relinquished by:				Received by:			
Relinquished by:				Received by:			

B COPIES - WHITE & YELLOW; CLIENT COPY - PINK

Comments:
Lab Case #
4118
PAGE: 2 of 5



Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869

Contact Us: 973 361-4252
fax: 973 989-5268
Web: www.ialonline.com

CUSTOMER INFO		REPORTING INFO		Turnaround Time (starts the following day if samples rec'd at lab > 5PM)																
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby		Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE																
Address: 2109 Bridge Ave., Bldg. B	Address:	same																		
Point Pleasant, NJ 08742																				
Telephone #: (732) 295-2144	Attn:																			
Fax #: (732) 295-2150	FAX # (732) 295-2150																			
Project Manager: James Clabby	INVOICE TO:	Acelo Corp.																		
EMAIL Address: jclabby@jmcenvironmental.com	Address:	4 Tri Harbor Court																		
Sampler: Steve Kosch, Chris Cho	Port Washington, NY 11050																			
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))																			
Project Location (State): NJ	Attn: Ed Kelly																			
Bottle Order #:	PO # 22126																			
Quote #: SR041205	Sample Matrix																			
DW - Drinking Water AQ - Aqueous WW - Waste Water																				
OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)																				
S - Soil SL - Sludge SOL - Solid W - Wipe																				
SAMPLE INFORMATION		ANALYTICAL PARAMETERS										# BOTTLES & PRESERVATIVES								
Client ID	Depth (ft only)	Sampling	Date	Time	Matrix	# containers	IAL #	TCL PCB (8082)							HCl	HNO3	NaOH	H2SO4	NaBH4/NaCl	Sterile
H-36W (0-2.0)		5/31/13	11:17	S	1	17	x													
H-36W (4-0-6.0)			11:18	S	1	18	x													
H-36N (0-2.0)			11:35	S	1	19	x													
H-36N (4-0-6.0)			11:36	S	1	20	x													
I-35W (2.0-4.0)			11:49	S	1	21	x													
I-35S (2.0-4.0)			12:03	S	1	22	x													
I-35E (2.0-4.0)			12:16	S	1	23	x													
E-35E (0-2.0)		✓	12:17	S	1	24	x													
Known Hazard: Yes or No	Describe:	Conc. Expected:	Low	Med	High	MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)														

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): IAI Courier Client Courier FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by: <i>Sted</i>	5/31/13		Received by: <i>JM</i>	5/31/13	1705
Relinquished by: <input checked="" type="checkbox"/>			Received by: <i>JM</i>	5/31/13	1705
Relinquished by: <input checked="" type="checkbox"/>			Received by: <i>JM</i>	5/31/13	1705
Relinquished by: <input checked="" type="checkbox"/>			Received by: <i>JM</i>	5/31/13	1705
Relinquished by: <input checked="" type="checkbox"/>			Received by: <i>JM</i>	5/31/13	1705

Comments:

Lab Case # *3118*

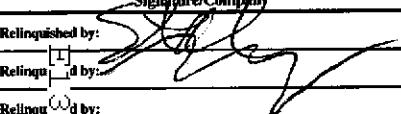
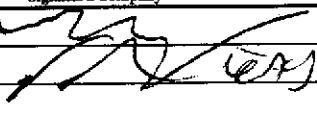
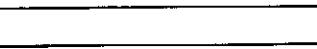
PAGE: *3* of *5*

B COPIES - WHITE & YELLOW; CLIENT COPY - PINK

0221

CUSTOMER INFO		REPORTING INFO														
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby														
Address: 2109 Bridge Ave., Bldg. B	Address:	same														
Point Pleasant, NJ 07842																
Telephone #: (732) 295-2144	Attn:															
Fax #: (732) 295-2150	FAX # (732) 295-2150															
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.														
EMAIL Address: jclabby@jmconenvironmental.com	Address:	4 Tri Harbor Court														
Sampler: Steve Kosch, Chris Cho	Port Washington, NY 11050															
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))															
Project Location (State): NJ	Attn: Ed Kelly															
Bottle Order #:	PO # 22126															
Quote #: SR041205	<u>Sample Matrix</u> DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe															
SAMPLE INFORMATION																
Client ID	Depth (ft only)	Sampling	Matrix	# containers	IAL #	TCL PCB (8082)	ANALYTICAL PARAMETERS						# BOTTLES & PRESERVATIVES			
I-35N (2.0-40)		5/3/13	12:35	S	1	25	x									HCl
J-35N (0-20)			12:57	S	1	26	x									HNO3
I-33S (4.0-60)			1:14	S	1	27	x									MgOH
I-33E (4.0-60)			1:27	S	1	28	x									H2SO4
I-33N (4.0-60)			1:40	S	1	29	x									NaOH/ZnAc
I-33W (4.0-60)			1:55	S	1	30	x									Sterile
E-33W (0-20)		✓	2:05	S	1	31	x									
D-32N (0-20)			2:17	S	1	72	x									
Known Hazard: Yes or No	Describe:	Conc. Expected:	Low	Med	High			MDL Req: GWQS (11/05) - SRS - SRS/GW - SRS Residential - OTHER (SEE COMMENTS)								

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one):	IAL Courier	Client Courier	FedEx/UPS			
Signature/Company	Date	Time	Signature/Company	Date	Time	Comments:
Relinquished by: 	5/3/13	1530	Received by: 	5/3/13	1530	
Relinquished by: 	5/3/13	1705	Received by: 	5/3/13	1705	
Relinquished by: 			Received by:			
Relinquished by: 			Received by:			
Relinquished by: 			Received by:			

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

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2
2
2

CUSTOMER INFO		REPORTING INFO		Turnaround Time (starts the following day if samples rec'd at lab > 5PM)																				
Company: JMC Environmental Consultants, Inc.		REPORT TO: James Clabby		*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE																				
Address: 2109 Bridge Ave., Bldg. B		Address: same																						
Point Pleasant, NJ 08742				PHC - MUST CHOOSE																				
Telephone #: (732) 295-2144		Attn:		NJ EPH DRO (5 day TAT)					NJ EPH Fractionated (5 day TAT)					Resh TAT Charge ** 24 hr - 100%... 48 hr - 75%... 72 hr - 50%... 96 hr - 35%... 5 day - 25%... 6-9 day 10%	Report Format Results Only Reduced Regulatory - 15% Surcharge applies Other (describe)	EDDs SRP format Lab approved custom EDD NO EDD/CD REQ'D								
Fax #: (732) 295-2150		FAX # (732) 295-2150		NJ EPH - C40 (5 day TAT)					QAM025 (5 day TAT)															
Project Manager: James Clabby		INVOICE TO: Aceto Corp.		DRO-8015 (3-5 day TAT)					QAM025 (5 day TAT)															
EMAIL Address: jclabby@jmceenvironmental.com		Address: 4 Tri Harbor Court		Verbal/Fax: Std 2 wk unless otherwise specified																				
Sampler: Steve Kosch, Chris Cho		Port Washington, NY 11050		24 hr** 48 hr** 72 hr** 96 hr** 1 wk**																				
Project Name: Arsynco		(with copy to: JMC Environmental (attn.: J. Clabby))		Other** (specify): _____																				
Project Location (State): NJ		Attn: Ed Kelly		Hard Copy: Std 3 week * Other - call for price																				
Bottle Order #:		PO # 22126		ANALYTICAL PARAMETERS										# BOTTLES & PRESERVATIVES										
Quote #: SR041205		Sample Matrix												HCl	HNO3	NaOH	H2SO4	NaOAc	Sterile					
DW - Drinking Water		AQ - Aqueous		WW - Waste Water																				
OI - Oil		LIQ - Liquid (Specify)		OT - Other (Specify)																				
S - Soil		SL - Sludge		SOL - Solid																				
Sampling				TCL POB (8082)																				
Client ID		Depth (ft only)		Date	Time	Matrix	# container s	TAT #																
D-32 N (2-0-4-0)				5/3/13	2:18	S	1	33	x															
D-31 N (0-2-0)				1	2:35	S	1	34	x															
D-31 W (0-2-0)					2:45	S	1	35	x															
E-31 N (0-2-0)					2:54	S	1	35	x															
F-30 W (0-2-0)					3:05	S	1	35	x															
F-30 N (0-2-0)					3:15	S	1	35	x															
FB-82				▼	3:20	Aq	2	35	x															
Known Hazard: Yes or No		Describe: Cone. Expected: Low Med High		MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)																				

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one):	IAL Courier	Client Courier	FedEx/UPS								
Signature/Company		Date	Time	Signature/Company		Date	Time	Comments:			
Relinquished by: <input checked="" type="checkbox"/>		5/3/13	1530	Received by: 		5/3/13	1530				
<input checked="" type="checkbox"/> relinquished by: 		5/3/13	1705	Received by: 		5/3/13	1705				
<input checked="" type="checkbox"/> relinquished by: 				Received by:							
<input checked="" type="checkbox"/> relinquished by: 				Received by:							
<input checked="" type="checkbox"/> relinquished by: 				Received by:							

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PROJECT INFORMATION



E 1 3 - 0 4 1 1 9

Case No. **E13-04119**

Project **ARSYNCO**

Customer	JMC Environmental Consultants		P.O. #	22126
Contact	Jim Clabby		Received	5/3/2013 17:05
EMail	jclabby@jmceenvironmental.com; ahallgreen@jmceenvironmental.co		Verbal Due	5/20/2013
Phone	(732) 295-7144; Fax: (732) 295-2150		Report Due	5/28/2013
Report To	jsch@jmceenvironmental.com; who@jmceenvironmental.com		Bill To	
2109 Bridge Avenue		Aceto Corp.		
Building B		4 Tri Harbor Court		
Point Pleasant, NJ 08742		Port Washington, NY 11050		
Attn: Jim Clabby		Attn: Mr. Ed Kelly		
Report Format Reduced				
Additional Info <input type="checkbox"/> State Form <input type="checkbox"/> Field Sampling <input type="checkbox"/> Conditional				

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
04119-001	J-36S (2.0-4.0)	2 / 4	5/3/2013 @08:24	Soil	mg/Kg	1
04119-002	I-37N (0-2.0)	0 / 2	5/3/2013 @08:35	Soil	mg/Kg	1
04119-003	I-37S (0-2.0)	0 / 2	5/3/2013 @08:48	Soil	mg/Kg	1
04119-004	I-37W (0-2.0)	0 / 2	5/3/2013 @08:57	Soil	mg/Kg	1
04119-005	H-36S (0-2.0)	0 / 2	5/3/2013 @09:08	Soil	mg/Kg	1
04119-006	H-36S (4.0-6.0)	4 / 6	5/3/2013 @09:09	Soil	mg/Kg	1
04119-007	H-36E (0-2.0)	0 / 2	5/3/2013 @09:30	Soil	mg/Kg	1
04119-008	H-36E (4.0-6.0)	4 / 6	5/3/2013 @09:31	Soil	mg/Kg	1
04119-009	J-36W (0-2.0)	0 / 2	5/3/2013 @09:48	Soil	mg/Kg	1
04119-010	J-36W (2.0-4.0)	2 / 4	5/3/2013 @09:49	Soil	mg/Kg	1
04119-011	J-35S (2.0-4.0)	2 / 4	5/3/2013 @10:00	Soil	mg/Kg	1
04119-012	J-36E (0-2.0)	0 / 2	5/3/2013 @10:15	Soil	mg/Kg	1
04119-013	J-36E (2.0-4.0)	2 / 4	5/3/2013 @10:16	Soil	mg/Kg	1
04119-014	K-35S (0-2.0)	0 / 2	5/3/2013 @10:27	Soil	mg/Kg	1
04119-015	K-35E (0-2.0)	0 / 2	5/3/2013 @10:39	Soil	mg/Kg	1
04119-016	K-35N (0-2.0)	0 / 2	5/3/2013 @10:51	Soil	mg/Kg	1
04119-017	H-36W (0-2.0)	0 / 2	5/3/2013 @11:17	Soil	mg/Kg	1
04119-018	H-36W (4.0-6.0)	4 / 6	5/3/2013 @11:18	Soil	mg/Kg	1
04119-019	H-36N (0-2.0)	0 / 2	5/3/2013 @11:35	Soil	mg/Kg	1
04119-020	H-36N (4.0-6.0)	4 / 6	5/3/2013 @11:36	Soil	mg/Kg	1
04119-021	I-35W (2.0-4.0)	2 / 4	5/3/2013 @11:49	Soil	mg/Kg	1
04119-022	I-35S (2.0-4.0)	2 / 4	5/3/2013 @12:03	Soil	mg/Kg	1
04119-023	I-35E (2.0-4.0)	2 / 4	5/3/2013 @12:16	Soil	mg/Kg	1
04119-024	I-35E (0-2.0)	0 / 2	5/3/2013 @12:17	Soil	mg/Kg	1
04119-025	I-35N (2.0-4.0)	2 / 4	5/3/2013 @12:35	Soil	mg/Kg	1
04119-026	J-35N (0-2.0)	0 / 2	5/3/2013 @12:57	Soil	mg/Kg	1
04119-027	I-33S (4.0-6.0)	4 / 6	5/3/2013 @13:14	Soil	mg/Kg	1
04119-028	I-33E (4.0-6.0)	4 / 6	5/3/2013 @13:27	Soil	mg/Kg	1

PROJECT INFORMATION



E 1 3 - 0 4 1 1 9

Case No. **E13-04119**

Project **ARSYNCO**

<u>Lab ID</u>	<u>Client Sample ID</u>	<u>Depth Top / Bottom</u>	<u>Sampling Time</u>	<u>Matrix</u>	<u>Unit</u>	<u># of Containers</u>
04119-029	I-33N (4.0-6.0)	4 / 6	5/3/2013@13:40	Soil	mg/Kg	1
04119-030	I-33W (4.0-6.0)	4 / 6	5/3/2013@13:55	Soil	mg/Kg	1
04119-031	E-33W (0-2.0)	0 / 2	5/3/2013@14:05	Soil	mg/Kg	1
04119-032	D-32N (0-2.0)	0 / 2	5/3/2013@14:17	Soil	mg/Kg	1
04119-033	D-32N (2.0-4.0)	2 / 4	5/3/2013@14:18	Soil	mg/Kg	1
04119-034	D-31N (0-2.0)	0 / 2	5/3/2013@14:35	Soil	mg/Kg	1
04119-035	D-31W (0-2.0)	0 / 2	5/3/2013@14:45	Soil	mg/Kg	1
04119-036	E-31N (0-2.0)	0 / 2	5/3/2013@14:54	Soil	mg/Kg	1
04119-037	F-30W (0-2.0)	0 / 2	5/3/2013@15:05	Soil	mg/Kg	1
04119-038	F-30N (0-2.0)	0 / 2	5/3/2013@15:15	Soil	mg/Kg	1
04119-039	FB-82	n/a	5/3/2013@15:20	Aqueous	mg/L	2

<u>Sample #</u>	<u>Tests</u>	<u>Status</u>	<u>QA Method</u>
-----------------	--------------	---------------	------------------

001	TCL PCB	Run	8082
002	TCL PCB	Run	8082
003	TCL PCB	Run	8082
004	TCL PCB	Run	8082
005	TCL PCB	Run	8082
006	TCL PCB	Run	8082
007	TCL PCB	Run	8082
008	TCL PCB	Run	8082
009	TCL PCB	Run	8082
010	TCL PCB	Run	8082
011	TCL PCB	Run	8082
012	TCL PCB	Run	8082
013	TCL PCB	Run	8082
014	TCL PCB	Run	8082
015	TCL PCB	Run	8082
016	TCL PCB	Run	8082
017	TCL PCB	Run	8082
018	TCL PCB	Run	8082
019	TCL PCB	Run	8082
020	TCL PCB	Run	8082
021	TCL PCB	Run	8082
022	TCL PCB	Run	8082
023	TCL PCB	Run	8082
024	TCL PCB	Run	8082
025	TCL PCB	Run	8082
026	TCL PCB	Run	8082
027	TCL PCB	Run	8082
028	TCL PCB	Run	8082
029	TCL PCB	Run	8082
030	TCL PCB	Run	8082
031	TCL PCB	Run	8082
032	TCL PCB	Run	8082
033	TCL PCB	Run	8082
034	TCL PCB	Run	8082

PROJECT INFORMATION

Case No. **E13-04119**Project **ARSYNCO**

<u>Sample #</u>	<u>Tests</u>	<u>Status</u>	<u>QA Method</u>
035	TCL PCB	Run	8082
036	TCL PCB	Run	8082
037	TCL PCB	Run	8082
038	TCL PCB	Run	8082
039	TCL PCB	Run	8082

05/06/2013 15:38 by Ellen - NOTE 2

SAMPLE #6 DEPTH LISTED ON COC AS 2-4 BUT ON LABEL AS 4-6. AS PER STEVE K., THE CORRECT DEPTH IS 4-6. □

05/07/2013 16:08 by melissa - REV 1

PER STEVE KOSCH, THE SAMPLE ID FOR SAMPLE 008 IS H-36E(4.0-6.0) AND THE SAMPLE ID FOR SAMPLE 026 IS J-35N(0-2.0)

INTEGRATED ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIPT VERIFICATION

CASE NO: E 13

04119

CLIENT: JMC

COOLER TEMPERATURE: 2° - 6°C:

(See Chain of Custody)

Comments

COC: **COMPLETE** / INCOMPLETE

KEY

 = YES/NAVOA received: Encore IGW - Methanol = NO(check one) Terra Core No Preservative Bottles Intact06-Sample 10² H36, (40-6.0) no-Missing Bottles no-Extra Bottles Sufficient Sample Volume no-headspace/bubbles in VOs Labels intact/correct pH Check (exclude VOs)¹ Correct bottles/preservative Sufficient Holding/Prep Time¹ Multiphasic Sample Sample to be Subcontracted Chain of Custody is Clear

¹ All samples with "Analyze Immediately" holding times will be analyzed by this laboratory past the holding time. This includes but is not limited to the following tests: pH, Temperature, Free Residual Chlorine, Total Residual Chlorine, Dissolved Oxygen, Sulfite.

ADDITIONAL COMMENTS:

SAMPLE(S) VERIFIED BY: INITIAL

DATE 5/3/17

CORRECTIVE ACTION REQUIRED:

YES

(SEE BELOW)

NO If COC is NOT clear, **STOP** until you get client to authorize/clarify work.

CLIENT NOTIFIED:

YES

Date/ Time:

NO

PROJECT CONTACT:

SUBCONTRACTED LAB:

DATE SHIPPED:

ADDITIONAL COMMENTS:

VERIFIED/TAKEN BY:

INITIAL

DATE

5/3/17

04119 0227

Laboratory Custody Chronicle

IAL Case No.

E13-04119

Client JMC Environmental Consultants

Project ARSYNCO

Received On 5/ 3/2013@17:05

Department: GC

			<u>Prep. Date</u>	<u>Analyst</u>	<u>Analysis Date</u>	<u>Analyst</u>
TCL PCB	04119-001	Soil	5/ 7/13	Archimede	5/19/13	Justyna
"	-002	"	5/ 7/13	Archimede	5/18/13	Justyna
"	-003	"	5/ 7/13	Archimede	5/18/13	Justyna
"	-004	"	5/ 7/13	Archimede	5/20/13	Justyna
"	-005	"	5/ 7/13	Archimede	5/18/13	Justyna
"	-006	"	5/ 7/13	Archimede	5/17/13	Justyna
"	-007	"	5/ 7/13	Archimede	5/17/13	Justyna
"	-008	"	5/ 7/13	Archimede	5/17/13	Justyna
"	-009	"	5/ 7/13	Archimede	5/17/13	Justyna
"	-010	"	5/ 7/13	Archimede	5/17/13	Justyna
"	-011	"	5/ 7/13	Archimede	5/17/13	Justyna
"	-012	"	5/ 7/13	Archimede	5/17/13	Justyna
"	-013	"	5/ 7/13	Archimede	5/17/13	Justyna
"	-014	"	5/ 7/13	Archimede	5/17/13	Justyna
"	-015	"	5/ 7/13	Archimede	5/17/13	Justyna
"	-016	"	5/ 7/13	Archimede	5/17/13	Justyna
"	-017	"	5/ 7/13	Archimede	5/17/13	Justyna
"	-018	"	5/ 7/13	Archimede	5/17/13	Justyna
"	-019	"	5/ 7/13	Archimede	5/17/13	Justyna
"	-020	"	5/ 7/13	Archimede	5/17/13	Justyna
"	-021	"	5/ 7/13	Archimede	5/17/13	Justyna
"	-022	"	5/ 7/13	Archimede	5/17/13	Justyna
"	-023	"	5/ 7/13	Archimede	5/17/13	Justyna
"	-024	"	5/ 7/13	Archimede	5/17/13	Justyna
"	-025	"	5/ 7/13	Archimede	5/17/13	Justyna
"	-026	"	5/ 7/13	Archimede	5/14/13	Justyna
"	-027	"	5/ 7/13	Archimede	5/14/13	Justyna
"	-028	"	5/ 7/13	Archimede	5/14/13	Justyna
"	-029	"	5/ 7/13	Archimede	5/14/13	Justyna
"	-030	"	5/ 7/13	Archimede	5/14/13	Justyna
"	-031	"	5/ 7/13	Archimede	5/14/13	Justyna
"	-032	"	5/ 7/13	Archimede	5/14/13	Justyna
"	-033	"	5/ 7/13	Archimede	5/14/13	Justyna
"	-034	"	5/ 7/13	Archimede	5/14/13	Justyna
"	-035	"	5/ 7/13	Archimede	5/14/13	Justyna
"	-036	"	5/ 7/13	Archimede	5/14/13	Justyna
"	-037	"	5/ 7/13	Archimede	5/14/13	Justyna
"	-038	"	5/ 7/13	Archimede	5/14/13	Justyna
"	-039	Aqueous	5/ 9/13	Archimede	5/14/13	Justyna